## VOLKSWAGEN



# **Volkswagen Group – Moving ahead**

#### **Frank Witter**

Member of the Board of Management UniCredit Kepler Cheuvreux German Corporate Conference, Frankfurt, 20 January 2016



#### **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.

Consequently, 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.

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### How the NOx issue will be solved

## **Europe** (approved by KBA)



## EA189 2.01 (EU5): ~ 5.2m units

- Software fix only
- Working time ca 30 min.
- Fix starts in Q1 2016



### EA189 1.61 (EU5): ~ 3m units

- Soft- and Hardware fix required
- Working time < 1h
- Fix starts in Q3 2016



## EA189 1.21 (EU5): ~ 0.3m units

- Software fix only
- Working time ca 30 min.
- Fix starts in Q2 2016

### <u>USA</u>



Currently coordinating viable solution concepts and time lines with the responsible authorities EPA and CARB



## Our 5 top priorities



### **Helping our customers**

Communicating & providing effective technical solutions



### **Uncovering what happened**

Finding out the truth and learning from it



#### **New structure**

Launching a more entrepreneurial & decentralized Group structure



#### **New mindset**

Profoundly changing the way we do things

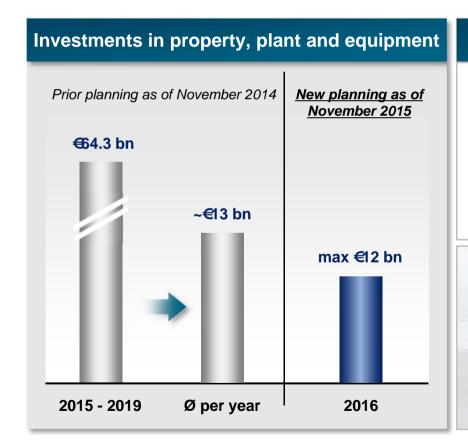


#### **New destination**

Re-evaluating what we do & re-defining our targets



# Volkswagen Group reduces level of capex and accelerates the achievement of Group synergies



#### Prioritization and focus on digitalization and e-mobility

Uncertainty requires prioritization of investments

Cancellation or delay of all projects that are not absolutely necessary

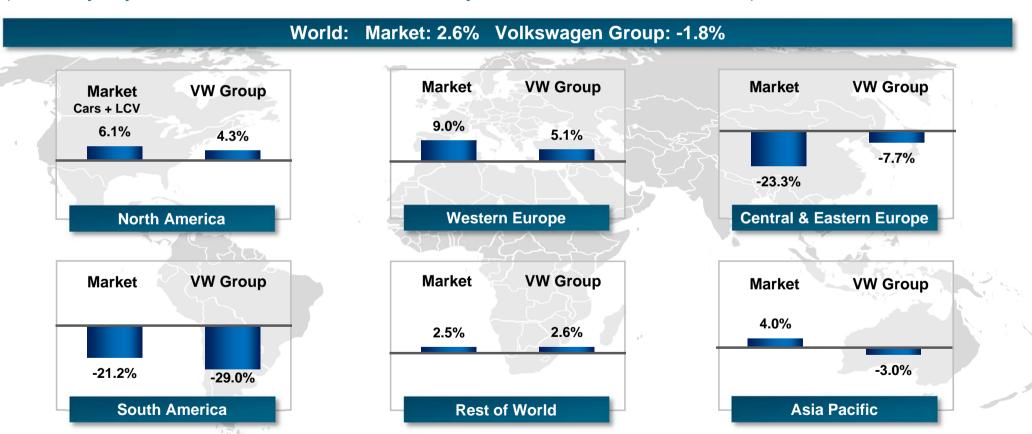
Not jeopardizing our future: spending on digitalization and alternative drive train technologies will be increased further

Focus: new products, continuing rollout and enhancement of toolkits, completion of ongoing capacity expansion



## 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 2015 vs. 2014)

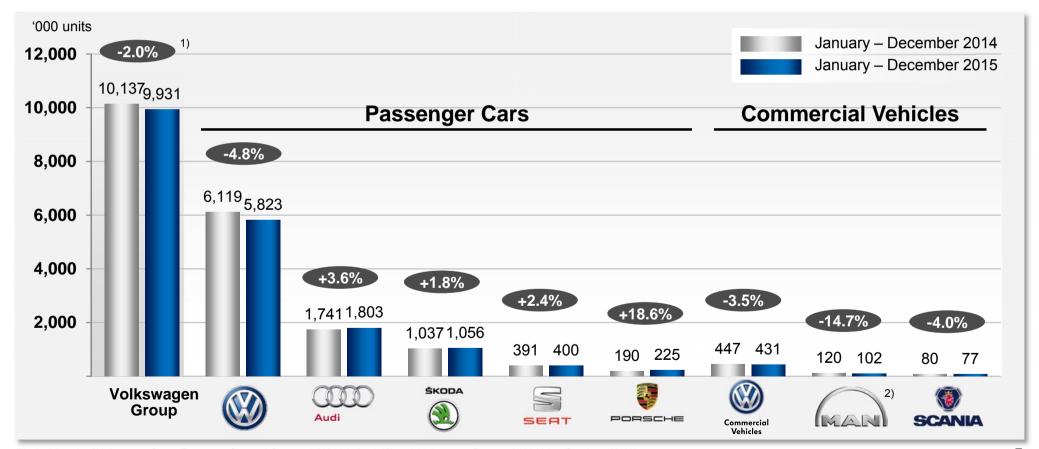


<sup>1)</sup> Figures excl. Volkswagen Commercial Vehicles, Scania and MAN.



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

(January to December 2015 vs. 2014)



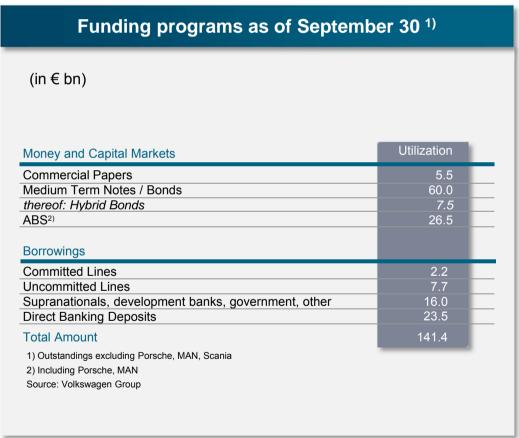
<sup>1)</sup> Incl. all brands of Volkswagen Group (Passenger Cars and Commercial Vehicles); -1.8% excl. Volkswagen Commercial Vehicles, Scania and MAN.

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



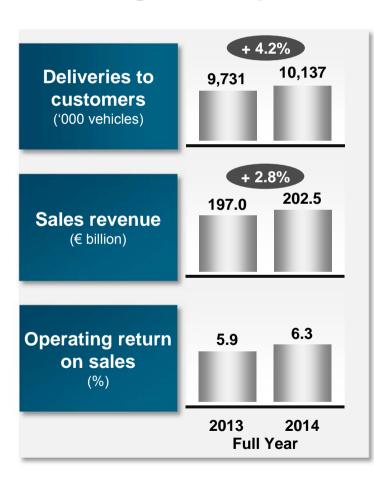
## **Volkswagen Group – Generating cash and robust financial position**







## **Volkswagen Group – Outlook for 2015**



#### We expect ...

- deliveries to customers for the Volkswagen Group in 2015 to remain on a level with the previous year in a persistently challenging market environment.
- 2015 sales revenue for the Volkswagen Group and its business areas to increase by up to 4% y-o-y, depending on the economic conditions. However, economic trends in Latin America and Eastern Europe will need to be continuously monitored in the Commercial Vehicles/Power Engineering Business Area.

#### In terms of operating profit...

 due to the impact relating to the Diesel issue we anticipate a Group operating profit as well as for the Passenger Cars Business Area significantly below the prior year level.

#### Before special items...

- we anticipate a Group operating return on sales of between 5.5% and 6.5% in 2015 in light of the challenging economic environment.
- the operating return on sales is expected to be in the 6.0% to 7.0% range in the Passenger Cars Business Area and between 2.0% and 4.0% in Commercial Vehicles/Power Engineering.

For the Financial Services Division, we are forecasting an operating profit at the prior-year level.

Passenger car market forecast 2016 – most of the regions are expected

to grow













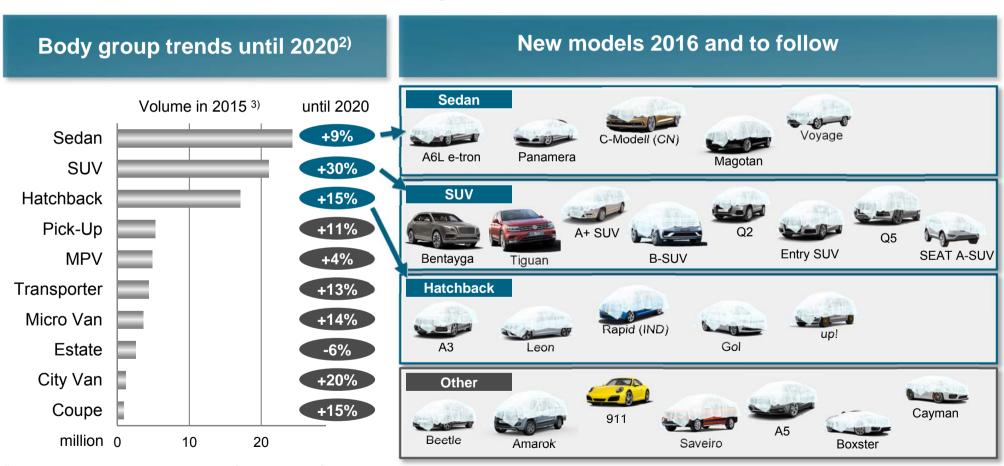


Source: \*IHS Economics as of December 2015

1) Passenger cars and Light Commercial Vehicles



## Product firework<sup>1)</sup> in line with expected future market trends

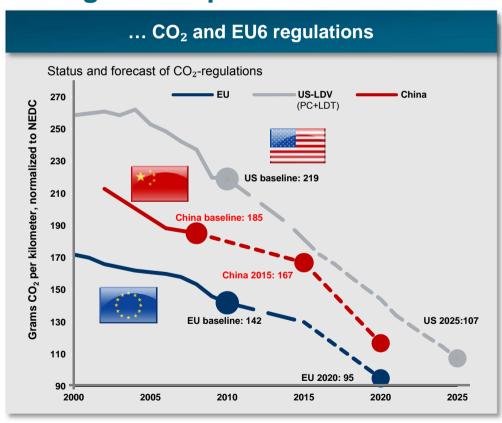


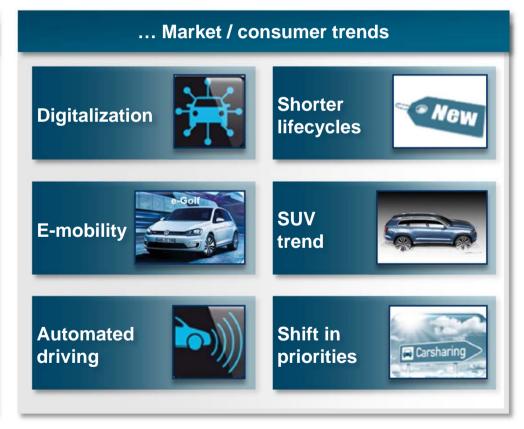
<sup>1)</sup> Schematic overview – does not show all models

<sup>2)</sup> Source: IHS



# Tightening environmental regulation and major trends driving R&D expenditures



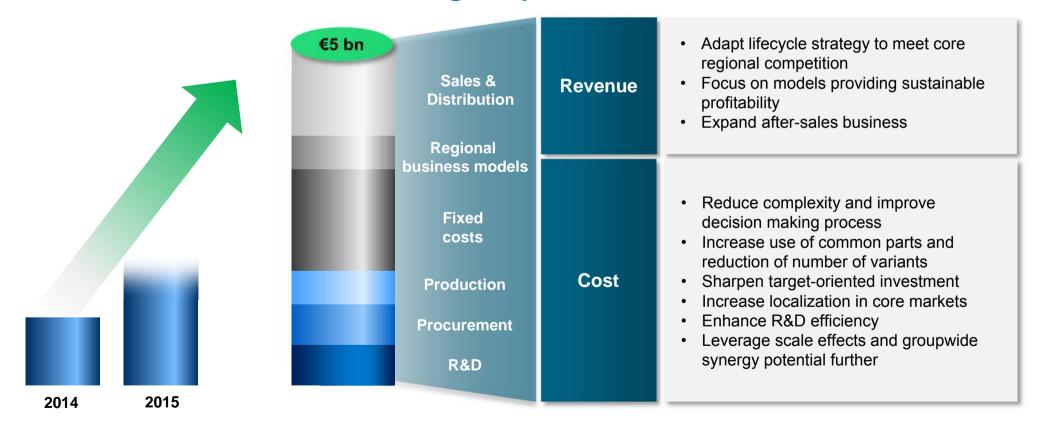


Source: based on ICCT



# Volkswagen Brand: Substantial efficiency measures across all business areas to ensure €5 billion earnings improvement







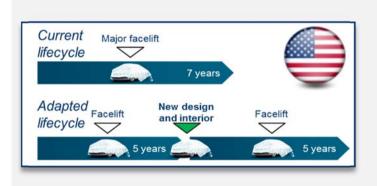
## Efficiency program well on the way in all business areas



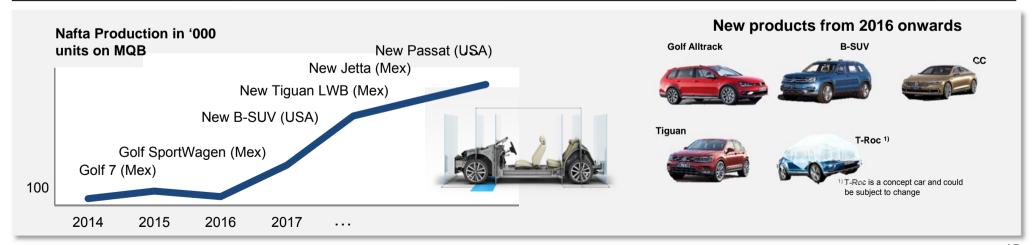
<sup>1)</sup> Percentage of reduction in number of variants, Example: Golf 7



## **USA - Shorter life cycles, presence in growth segments and realizing scale**

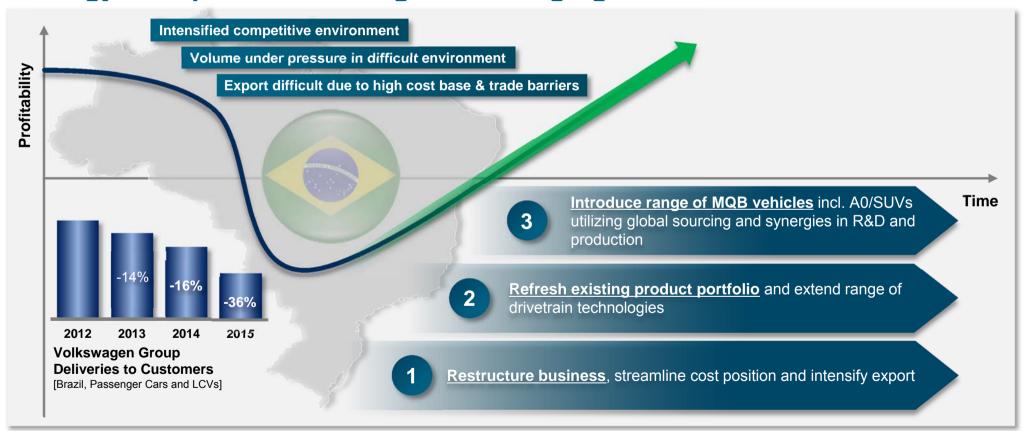


- Moving towards a 2 x 5 year life cycle
- Extending the product range by offering more models in growth segments
- Design, size and interieur are steered by North American Planning & Engineering Center in Chattanooga, TE
- Moving all major models on MQB to realize economies of scale
- · Significant increase of local production, sourcing and working on costs





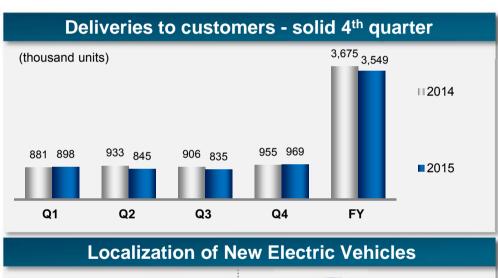
# Product innovation and cost reduction are the key pillars of Volkswagen's strategy to cope with challenges in emerging markets

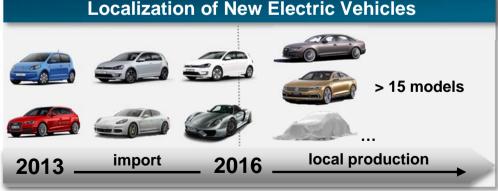




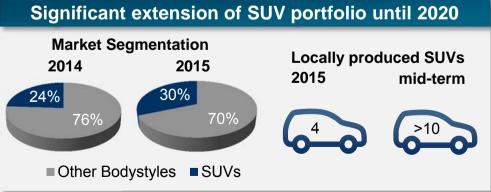
# Deep roots and strong market position combined with further growth potential assures continued profitable growth in China













## Core challenges in 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



Local OEMs dominating in BRIC markets
Improving infrastructure, stronger regulations open opportunities for Volkswagen

**Emission** regulations



Europe with aggressive regulations, focus shifting to diesel lock-outs BRIC trailing behind, but with ambitious roadmap

Connectivity & digitalization



Platooning and partly-autonomous driving as transition solutions

Data management for customers and traffic of broad interest

After sales and new business opportunities



After sales increasingly important as alternative source of revenues New business models (e.g. enhanced telematics) can stabilize revenues



## ... require Volkswagen truck brands to cooperate closely

Cyclical markets



Further globalization



**Emission** regulations



Connectivity & digitalization



After sales and new business opportunities



Global market reach to ensure sufficient volume in local up- & downturns

**Reduced fixed costs** through modularization and shared components

Combined R&D know-how for competitive product development

Additional value through customer services

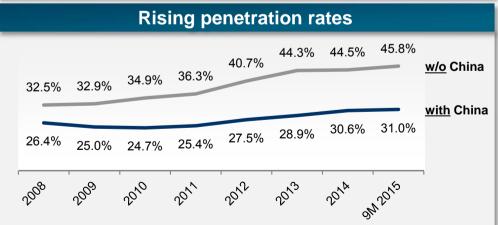


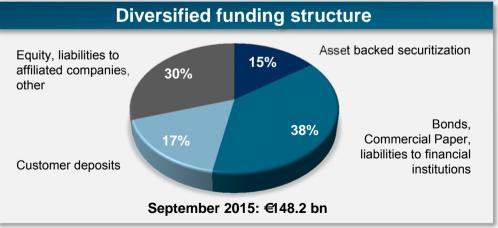


## VW Financial Services<sup>1)</sup>: A global, well diversified and successful business









<sup>1)</sup> All shown figures show VW Financial Services as of 30 June 2015, excluding financial service activities of Scania, Porsche AG and Porsche Holding Salzburg; MAN financial services activities are included from 1 January 2014



# Strategy 2025 is currently being developed to prepare the Volkswagen Group for the new challenges in the automotive industry

#### New focus areas

#### Digitalization

- New function reporting to Group CEO
- Group-wide initiative
- Digital Future Labs
- Industry / Business 4.0

#### **Sustainability**

- 20 additional e-models by 2020
- Focus on battery technology
- Innovative conventional drive trains

### Integrity/Compliance

- New function in Board of Management
- Firmly anchored in structures and processes

#### Foundation





Strategy 2025

(to be presented mid-2016)

# **Appendix**











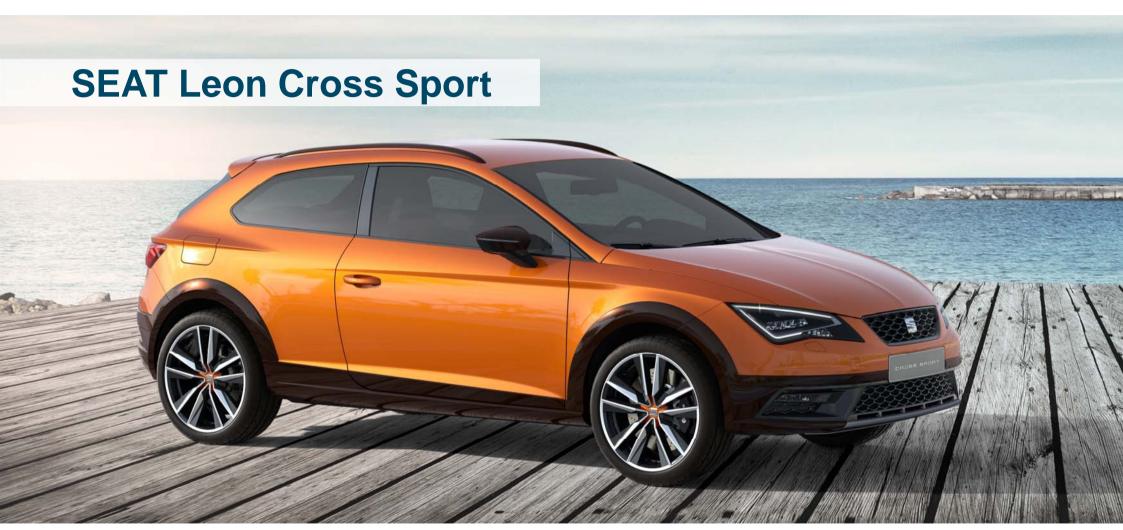


















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