

The Volkswagen Group is moving ahead: Investigation, customer solutions, realignment

Press Conference, December 10, 2015



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.

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 Such statements are valid on the date of publication and can be superceded.

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

- 1. Introduction
- 2. Investigation status
- 3. Solutions for our customers
- Volkswagen is changing structure, mindset, destination
- 5. Summary and outlook



Hans Dieter Pötsch

Chairman of the
Supervisory Board

of Volkswagen AG



Matthias Müller

Chairman of the
Board of Management
of Volkswagen AG

3

VOLKSWAGEN

Agenda

- 1. Introduction
- 2. Investigation status
- 3. Solutions for our customers
- Volkswagen is changing structure, mindset, destination
- 5. Summary and outlook



Chairman of the Supervisory Board of Volkswagen AG

Hans Dieter Pötsch



What challenges do we need to overcome

- Gaining back trust through credible and decisive action in overcoming the current crisis
- Protecting operational business and defending market position through concerted efforts to promote sales and wise business decisions and foresight
- Securing the Group's future success through effective minimizing of financial impact of the crisis and continuing on with the change processes at all levels



The Volkswagen Group is in the midst of one of the greatest trials in the company's history.

5



What the Supervisory Board has done since the crisis broke

- Comprehensive and relentless investigation pushed ahead in order to obtain reliable findings as fast as possible and to put all facts on the table
- Management Board closely assisted in order to support the Group management
- New structure passed in order to strengthen leadership through clearer accountability and allow for increased decentralized responsibility
- Staff reorganization in order to set new impetus for necessary changes and to position the Group for the future
- Stakeholder dialog strengthened in order to ensure transparency and re-establish trust



The Volkswagen Group is fully able to act even in this difficult phase.



How we initiated the staff reorganization process



New members of the Group Management Board: 6 new members since the beginning of 2015

M. Müller Chairman of the Board of Management



F. Witter Finance & Controlling



Dr. K. Blessing¹ HR & Organization



Dr. C. Hohmann-Dennhardt¹ Integrity & Legal Affairs



Dr. H. Diess VW Passenger Cars



A. Renschler Commercial Vehicles



1: From January 1, 2016

VOLKSWAGEN

What the Supervisory Board has done since the crisis broke

- Comprehensive and relentless investigation pushed ahead in order to obtain reliable findings as fast as possible and to put all facts on the table
- Management Board closely assisted in order to support the Group management
- **New structure passed** in order to strengthen leadership through clearer accountability and allow for increased decentralized responsibility
- Staff reorganization in order to set new impetus for necessary changes and to position the Group for the future
- Stakeholder dialog strengthened in order to ensure transparency and re-establish trust



The Volkswagen Group is fully able to act even in this difficult phase.

_



- 1. Introduction
- 2. Investigation status
- 3. Solutions for our customers
- Volkswagen is changing structure, mindset, destination
- 5. Summary and outlook



Chairman of the

Supervisory Board of Volkswagen AG



_



What happened in the Volkswagen Group



Diesel Issue Influencing of NO_X emission behavior Up to 11 million diesel vehicles

Implementation of technological solutions for the vehicles concerned in preparation

CO₂ Issue Implausibilities during certification of CO₂/consumption data

Initial suspicion: Ca. 800,000 diesel and gas-powered vehicles

Suspicion of invalid type certification not substantiated. Adjusting of the figures for few vehicles in the course of the normal processes



How are we driving investigation



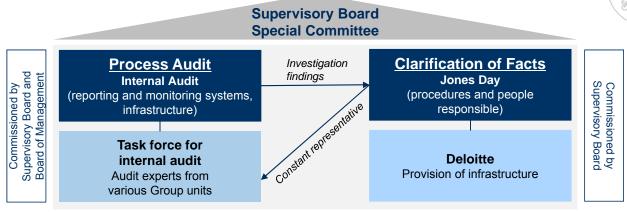
Approach & mission are clear: Everything needs to be put on the table.						
Comprehensive	We are identifying and analyzing all relevant processes from the source of the problem until today.					
Independent	External experts and internal auditors are inspecting everything irrespective of the persons concerned.					
Cooperative	We are working with all authorities.					
Relentless	We are determined to clarify responsibilities and draw the right lessons.					
Thorough	We are examining masses of data – and leaving no stone unturned. Diligence comes before speed.					

11

VOLKSWAGEN

How have we structured the investigation







Dual structure and independence of investigation ensure objective analysis and comprehensive findings. In total, about 450 experts are deployed in the investigation.



Where we stand in the investigations





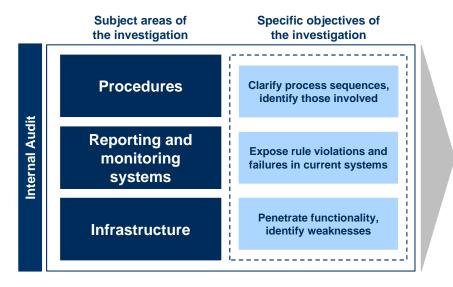
The process analysis is about to be finalized, the question about responsibilities still needs time.

13

VOLKSWAGEN

Process audit: What are the audit findings on the procedures in the relevant subdivisions to date





Key Findings

Procedural problems in the relevant subdivisions have encouraged misconduct

Faults in reporting and monitoring systems as well as failure to comply with existing regulations

IT infrastructure partially insufficient or antiquated

Clarification of facts: What the external auditors have managed to accomplish thus far



Jones Day

- 102 terabytes of data were secured (equal to about 50 million books)
- 87 extensive interviews were held, with several dozen to follow
- More than 1,500 electronic data carriers from approximately 380 employees have been secured
- 2,000 letters to Group employees (litigation hold letters), to prevent data loss or deletion

We now have a more specific understanding about the origins of the NO_X manipulation and about the CO₂ Issue

15

VOLKSWAGEN

What have we already learned about the origins of the NO_X Issue



Strategic decision:

Diesel campaign in the US and the EA 189 development order

Challenge:

Strict and significantly toughening NO_X limits

Solution:

Exhaust gas recirculation + "passive" exhaust gas treatment ("NO_X storage catalytic converter")

Problem:

NO_x limits could not be met with our technological design. Switch to "active" exhaust gas treatment ("SCR system") unrealistic with the time and cost involved

Dealing with the problem:

Two exhaust strategies with one for the test bench and one for the road/ development of corresponding control software

Market launch of EA189 (Gen 1) in the US:

Motor control software recognized test cycle and used e.g. more intense exhaust recirculation to reduce NO_X values on the test bench

2005 Spring 2008

What have we already learned about the origins of the NO_X Issue (continuation)



Market launch EA189 (Gen 1) in the US:

Motor control software recognizes test cycle and uses e.g. more intense exhaust recirculation to reduce NO_X values on the test bench

Further development:

Generation 2 of EA189 was supposed to be more effective in reducing NO_X by utilizing active exhaust gas recirculation ("SCR system")

Problem:

Tank for reduction medium ("Diesel Exhaust Fluid") needs to be large enough for oil change interval (approx. 16,000 km) because Diesel Exhaust Fluid could only be refilled at repair garages

Dealing with the problem:

Maintain
dual exhaust gas
strategies for the
test bench and the
road in order to cope
with the conflicting
goals by varying
"Diesel Exhaust
Fluid" dosages

Market launch EA189 (Gen 2) in the US:

Motor control software recognizes test cycle and uses e.g. higher "Diesel Exhaust Fluid" dosage to reduce NO_X values on the test bench

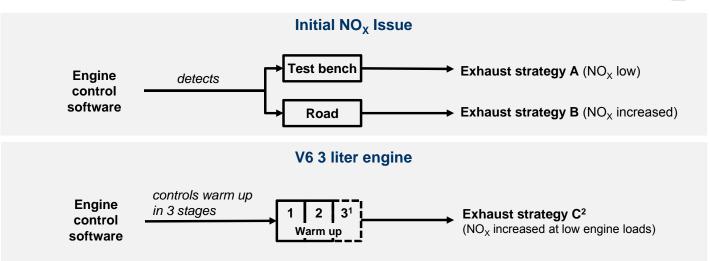
Spring 2008 Early 2011

VOLKSWAGEN

What is the fundamental difference between the V6 engine Issue and the initial NO_{χ} Issue



17



^{1:} Stage 3 very rarely activated on the road, which ends warm up too early

²: Under same operating conditions



How we have approached the CO₂ Issue and how the matter has developed





Testing results:
No unlawful changes
of CO₂ / fuel
consumption data

CO₂ values in conformity with catalog values

No adjustment required

Possible deviation of catalog value

Possibly adjusting of the figures for a maximum of 9 vehicles in the course of the normal processes

November 3, 2015
Proactive disclosure of CO₂ Issue and review of doubtful models

Course of 2016 Anticipated conclusion of the process

10



What consequences we have already drawn

Decisions of the Board taken: Going forward, emission tests of the Volkswagen Group will as a standard be verified based on spot checks by external and independent third parties, therefore universal introduction of on road emissions measurements during real-life driving (2016)

Implementation of more measures out of the about **30 essential optimization and measure sets identified by the internal audit** already initiated (close monitoring of implementation by internal audit), e.g. introduction of effective clearance and monitoring processes, among others through corresponding committee structures; process support through use of appropriate IT systems

Findings from the internal audit submitted to Jones Day

So far 9 possibly involved managers released from work



We will work to quickly implement the measures suggested by the audit. We will be just as consistent in the implementation of the findings of Jones Day.

- 1. Introduction
- 2. Investigation status
- 3. Solutions for our customers
- Volkswagen is changing structure, mindset, destination
- 5. Summary and outlook



Matthias Müller

Chairman of the
Board of Management
of Volkswagen AG



21



As a reminder: Which subjects are given priority



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 for 2025



We are not only decisively pushing ahead the investigation, but are working on the other priority subjects with the same intensity.



How we resolve the NO_{χ} Issue for our customers in Europe



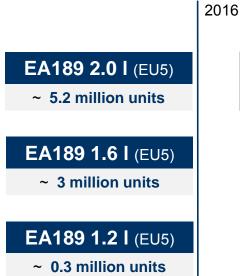
	EA189 2.0 I (EU5)	EA189 1.6 I (EU5)	EA189 1.2 I (EU5) ~ 0.3 million units				
	~ 5.2 million units	~ 3 million units					
Status KBA							
Software	X	X	X				
Hardware	X						
Working time	approx. 30 min.	< 1h	approx. 30 min.				

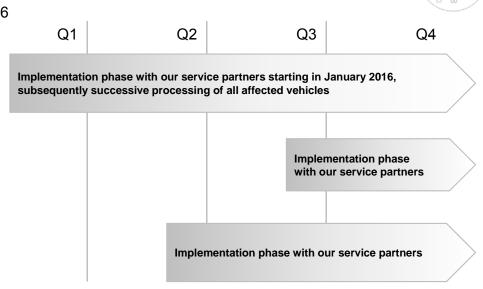
23

VOLKSWAGEN

When we will resolve the NO_χ Issue for our customers in Europe









How we will resolve the NO_X Issue for our customers in the US and in Canada





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

25



What we guarantee all our customers



- · Implementation of technical solutions free of charge
- Waiver of a statute of limitations regarding the technical solutions
- · Provision of substitute mobility if needed
- Transparent information that will soon be more tailored to individual needs
- Payment of possible back taxes



Volkswagen will not rest before we have resolved this issue once and for all to the satisfaction of our customers.

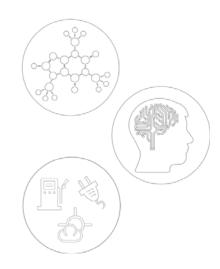


- 1. Introduction
- 2. Investigation status
- 3. Solutions for our customers
- Volkswagen is changing structure, mindset, destination
- 5. Summary and outlook



Matthias Müller

Chairman of the
Board of Management
of Volkswagen AG



27



New structure: Why we are further developing the leadership model of the Group



- Strengthen entrepreneurial responsibility in brands and regions
- Adequately take into account technological developments with a potential impact on the business model (e.g. digitization)
- Increase decision-making speed and agility
- Give Group Management Board more space for urgent strategic considerations
- Improve cost efficiency in the Group with leaner structures, enhance cost transparency
- Secure synergies within the Group
- Reduce complexity of steering functions, brands and regions, ensure sustainable manageability of the Group

Which leadership structures are implementing in the **Volkswagen Group**

Chair	Functions				Brand Groups				Regions
Müller	Witter	Garcia Sanz	Blessing ¹	Hohmann- Dennhardt ¹	Diess	Stadler	Blume ²	Rensch- ler	Heizmann
Among others: • Strategy • Digitization • Production • Sales	Finance & Controlling	Procure- ment	HR & Organi- zation	Integrity & Legal Affairs					
	SKODA	SEAT				Audi		VOLKSWAGEN TRUCK & BUS	*3
Research & Development		Responsibility i			Budget Car	AMACOCCHI (CALLE)	BENTLEY	MAN	
						DUCATI	BUGATTI	SCANIA	
								Commercial Vehicles	

^{1:} From January 1, 2016

29



How we have changed our leadership team



Group Management **Board** 6 out of 10 members new since early 2015







Dr. K. Blessing¹ HR & Organization



Dr. C. Hohmann-Dennhardt¹ Dr. H. Diess Integrity & Legal



VW Passenger Cars



A. Renschler



CEOs for brands/ **business** units 7 out of 13 new





L. de Meo SEAT





New Members



J. Drees MAN

L.-H. Santelmann



^{2:} Currently guest on Group Management Board

^{1:} From January 1, 2016 2: Currently guest on Group Management Board



Which new mindset we want to establish



What we want to preserve

"Quality consciousness" "Identification with products" "Social responsibility"

What we additionally whish for going forward

"More openness" "More cooperation" "More capacity for criticism"

31

VOLKSWAGEN

How we will establish a new mindset at Volkswagen



2015 2016

Leadership

("More role models")

Self conception

("More down to earth")

Structures und formats

("More interaction")

Design and implementation of new corporate philosophy and leadership principles

First initiatives

Structured process

New destination: How we will develop further our strategy

New focus topics

Digitalization Sustainability Integrity

Future Tracks

Increase efficiency and improve future sustainability

Strategy 2018

Economically and ecologically leading automotive group

"Strategy 2025"

Objective: playing a decisive role in shaping the future of mobility

- Make existing vehicle portfolio of brands even more successful
- Significantly increase revenue outside of the current core business
- Utilize potentials of digitization better than competitors
- Offer autonomic driving on a broad level earlier than other manufacturers
- Restore sustainability reputation through e-offensive



We will present our "Strategy 2025" by the middle of next year.

33

VOLKSWAGEN

Agenda

- 1. Introduction
- 2. Investigation status
- 3. Solutions for our customers
- Volkswagen is changing structure, mindset, destination
- 5. Summary and outlook



Chairman of the Board of Management of Volkswagen AG

Matthias Müller



Where we stand today with our realignment



Helping our customers

Technical solutions developed, implementation close to launch



Uncovering what happened

Investigations are proceeding, first consequences are drawn

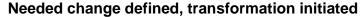


New structure

Team is in place, committees and processes to follow



New mindset





New destination

Focus topics identified, process for "Strategy 2025" launched



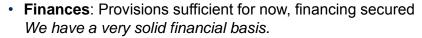
We are working hard on all of these five topics – and we are making good progress.

35



Where we stand economically today





- Investments: Targeted reduction, shorter planning horizon saving without sacrificing the future
 We are driving by sight for the time being.
- **Vehicle sale and production**: so far moderate impact of the exhaust gas issue *We are capable of reacting to a possible tightening at any time.*
- **Share price**: Recovery by about 40 percent since lowest point after the disclosure of the Diesel Issue We are working on regaining investors' trust bit by bit.



Volkswagen has the situation under control and will master the crisis out of its own strength.



Volkswagen Group is changing: Our mission

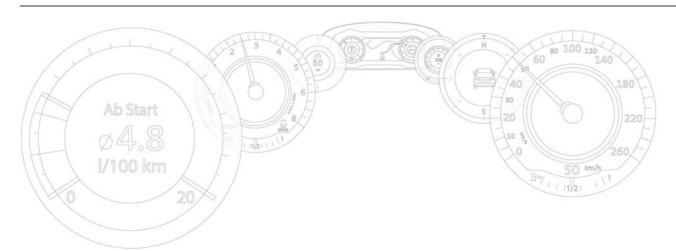


We are creating a new, better and stronger Volkswagen through...

- ...step-by-step transformation of the Group, while preserving its cultural roots and strengths.
- ...releasing new strengths and mobilizing new potential.
- ...value-based actions as precondition for sustained economic success.

37

VOLKSWAGEN



The Volkswagen Group is moving ahead: Investigation, customer solutions, realignment

Press Conference, December 10, 2015