



# 2017 Fact Book

## **Investor Presentation**



www.continental-corporation.com

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- > Unless otherwise stated, all amounts are shown in millions of euro. Please note that differences may arise as a result of the use of rounded amounts and percentages.

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Continental reinforces

ContiTech by acquiring

Hornschuch

Continental reinforces its

activities by acquiring the

business from Advanced

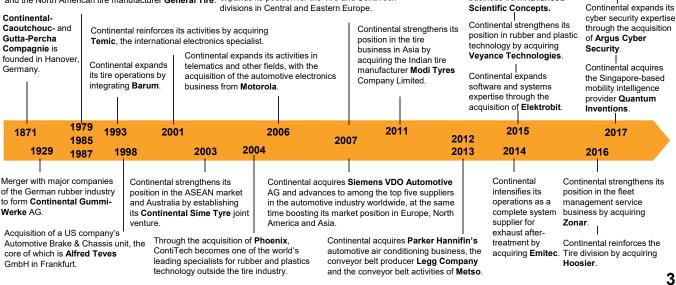
Hi-Res 3D Flash LIDAR

### I. Continental at a Glance

### 145 Years of Progress and Achievement

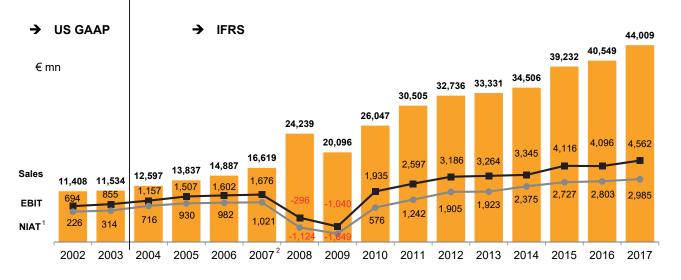
Takeover of the European tire operations of Uniroyal, the tire operations of the Austrian company Semperit and the North American tire manufacturer General Tire.

Continental acquires a majority interest in the Slovak company Continental Matador Rubber s.r.o. and expands its position for the Tire and ContiTech divisions in Central and Eastern Europe



### I. Continental at a Glance

Continental Corporation – Sales, EBIT and Net Income (NIAT)

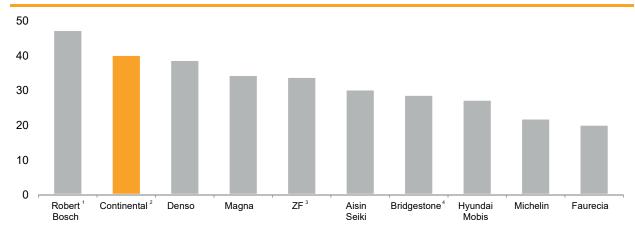


Net income attributable to the shareholders of the parent, from 1998 until 2003 US GAAP / from 2004 onwards IFRS. Semens VDO incorporated starting December 1, 2007. IAS 19 (rev. 2011) applied starting 2013. The 2012 figures have been restated accordingly.

### I. Continental at a Glance

### Continental Ranks No. 2 in Worldwide Supplier Ranking

Top 10 Global OEM Suppliers – 2017 Sales (€ bn)



<sup>1</sup> Robert Bosch only includes Mobility Solutions division <sup>2</sup> Continental not including ContiTech industrial business and other non-OE automotive business <sup>3</sup> ZF excluding Industrial Technology Dusiness <sup>4</sup> Bridgestone Including Diversided Products Source: Company filings. Calendarized to Dec. year-end. Based on average currency exchange rates 2017

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### I. Continental at a Glance **Executive Board**

#### Dr. Elmar Degenhart Chairman of the Executive Board

Corporate Functions: Corporate Quality and Environment, Corporate Communications Continental Business System, Automotive Central Functions

Wolfgang Schäfer Corporate Functions Finance, Controlling, Compliance, Law, IT

Nikolai Setzer Tire Division

Frank Jourdan Helmut Matschi Chassis & Safety Division Interior Divisior Hans-Jürgen Duensing

Dr. Ariane Reinhart Corporate Functions Human Relations, Director of Labor Relations Sustainability





### I. Continental at a Glance

### Megatrends in the Automobile Industry

#### Environment -

For Clean Power



#### CO<sub>2</sub> Fleet Emission Targets 2020/21 (NEDC)1

| -                   | • |         |
|---------------------|---|---------|
| Europe <sup>2</sup> |   | 95g/km  |
| USA                 |   | 125g/km |
| China               |   | 117g/km |
| Japan               |   | 122g/km |
|                     |   |         |

New European Driving Cycle.
 <sup>2</sup> Mandatory for 95% of the OEMs' fleets.
 Source: IC CT Int. Council of Clean Transportation, Global Passenger Vehicle FE/GH G regulations (2/2016).







Safety -For Safe Mobility



**Road Traffic Deaths** 100.000 Number of Road Traffic Deat Inhabitants by Region<sup>3</sup>

| Europe a | and Russia    | 9.3  |
|----------|---------------|------|
| Eastern  | Mediterranean | 19.9 |
| America  | S             | 15.9 |
| Africa   |               | 26.6 |
| South E  | ast Asia      | 17.0 |
| Western  | Pacific       | 17.3 |
|          |               |      |

<sup>3</sup> Data based on framework created by the World Health Organization (WHO) for estimating road traffic Orgenization (....., mortality, Source: Global Status Report on Road Safety, World Health Organization (WHO) 2015.

Affordable Cars -For Global Mobility



#### A&B Production Segment<sup>4</sup> in BRIC (mn units)



Source: IHS February 2018. Including Mini Full-Frame.

7

### I. Continental at a Glance

A Leading Global Supplier for Key Automotive Electronics Applications

| Chassis & Safety  | Powertrain   |           | Interior                      |                 |
|---|--|-----------|-------------------------------|-----------------|
| > Actuation   | Diesel injection systems   |           | Body and security products    |                 |
| <ul> <li>Advanced driver assistance systems (ADAS)</li> </ul> | <ul> <li>Gasoline injection systems</li> </ul>   |           | Commercial vehicle interiors  |                 |
| > Airbag electronics  | Transmission control units   |           | Device connectivity and telem | atics units     |
| <ul> <li>Electronic brake systems (EBS)</li> </ul>            | Turbochargers  |           | Instrumentation, displays     |                 |
| Foundation brake systems                                      | > 48 V and plug-in hybrid  |           | and human machine interface   | s               |
|   | > Full electric vehicle  |           | Intelligent transport systems |                 |
| Sales 2017 €9,768 m   | in Sales 2017  | €7,661 mn | Sales 2017                    | €9,305 mn       |
| % of total 22%  | % of total   | 17%       | % of total                    | 21%             |
| Adj. EBIT¹ €898 m   | n Adj. EBIT <sup>1</sup>   | €474 mn   | Adj. EBIT <sup>1</sup>        | €851 mn         |
| Adj. EBIT margin 9.29   | 6 Adj. EBIT margin   | 6.2%      | Adj. EBIT margin              | 9.2%            |
| ADAS <sup>2</sup> installation rate worldwide (sensors)       | Gasoline direct injection synthesis in the synthesis of t |           | Market for automotive electro | onics⁴ (USD bn) |
| 1.20 2.46   | 39%  | 64%       | 255 CAGR 4                    | → 317           |
| 2017 2022E  | 2017   | 2022E     | 2016                          | 2021E           |

<sup>1</sup> Before amortization of intangibles from PPA, consolidation and special effects. \* ADAS: Advanced Driver Assistance System. Average amount of ADAS sensors including sensing rear/surround view cameras but w/o parking assist functions based on ultrasonic technology. \* Source: HS: Serburary 2018.
<sup>4</sup> Source: HS: Strategy Analytics: Automotive Electronics System Demand Forecast 2012 to 2021, Jan 2015.

### I. Continental at a Glance

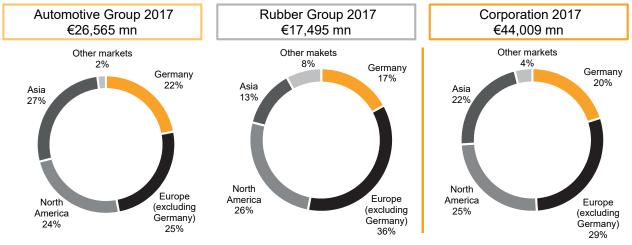
### A Leading Global Supplier of Tire and Non-Tire Rubber Products

| Tires                         |  |                          |  | ContiTech   |               |
|-------------------------------|--|--------------------------|--|---|---------------|
| Passenger & Light Truck Tires |  | Commercial Vehicle Tires |  | Air springs for railway, trucks and buses   |               |
| Markets                       | <ul> <li>&gt; EMEA</li> <li>&gt; The Americas</li> <li>&gt; APAC</li> </ul>  | Markets                  | <ul> <li>&gt; EMEA</li> <li>&gt; The Americas</li> <li>&gt; APAC</li> </ul>                                  | <ul> <li>Automotive hoses and hose lines</li> <li>Automotive interior trim</li> <li>Conveyor belts</li> </ul>   |               |
| Products                      | <ul> <li>&gt; Original Equipment</li> <li>&gt; Replacement</li> <li>&gt; Summer tires, winter tires, high-performance tires</li> </ul> | Products                 | <ul> <li>&gt; Original Equipment</li> <li>&gt; Replacement</li> <li>&gt; Commercial Vehicle Tires</li> </ul> | <ul> <li>&gt; Elastomer coatings</li> <li>&gt; Industrial hoses</li> <li>&gt; Multiple V-ribbed belts and timing</li> <li>&gt; Vibration absorbers</li> </ul> | belts         |
|                               | Sales 2017   | €11,326 mn               |  | Sales 2017  | €6,246 mr     |
|                               | % of total   | 26%                      |  | % of total  | 14%           |
|                               | Adj. EBIT <sup>1</sup>   | €2,128 mn                |  | Adj. EBIT <sup>1</sup>  | €515 mn       |
|                               | Adj. EBIT margin   | 19.0%                    |  | Adj. EBIT margin  | 8.8%          |
|                               | Sales breakdown (%)  |                          |  | Sales breakdown (%)   |               |
|                               | 71% Non-Of   | е <b>29%</b> ое          |  | 49% Non-OE  | <b>51%</b> OE |

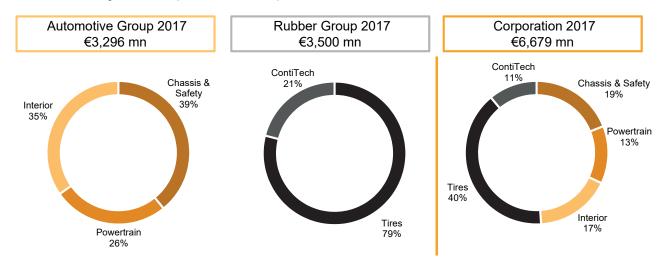
<sup>1</sup> Before amortization of intangibles from PPA, consolidation and special effects.

## I. Continental at a Glance

## Sales by Market

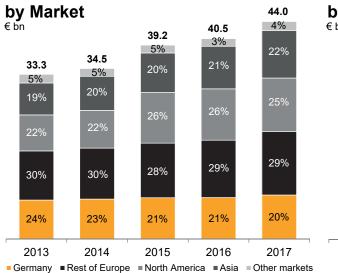


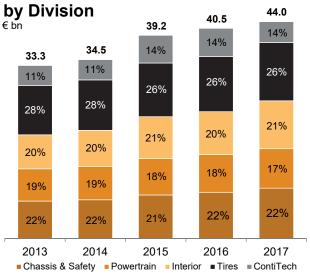
### I. Continental at a Glance EBITDA by Group and Corporation

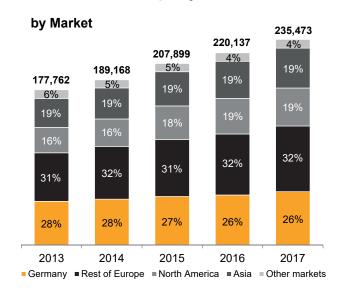


11

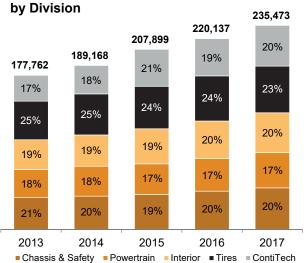
### I. Continental at a Glance Consolidated Sales











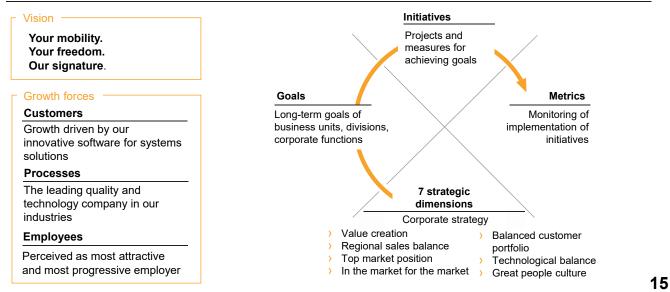
### 13

### **Topics**

| Continental at a Glance           | 3   |
|-----------------------------------|-----|
| II. Continental Strategy          | 15  |
| III. Automotive Trends            | 26  |
| IV. Sustainability at Continental | 47  |
| V. Corporate Governance           | 64  |
| VI. Continental Corporation       | 70  |
| VII. Market Data                  | 79  |
| VIII. Automotive Group            | 91  |
| IX. Rubber Group                  | 135 |
| X. Share and Bond Information     | 171 |
| XI. Glossary                      | 181 |
|                                   |     |

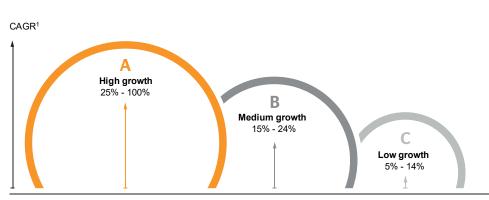
### II. Continental Strategy Corporate Strategy at a Glance

#### Hoshin Kanri matrix



### II. Continental Strategy – Top Market Position

Top Position for the 20 Fastest Growing Automotive Technologies through 2020



#### Examples of technologies

#### A High growth Gasoline particulate filters

Switchable coolant and oil pumps Lane departure warning

#### **B** Medium growth Turbochargers

Start-stop systems Battery propulsion systems

#### C Low growth Electric power steering Touch screens Adaptive cruise control

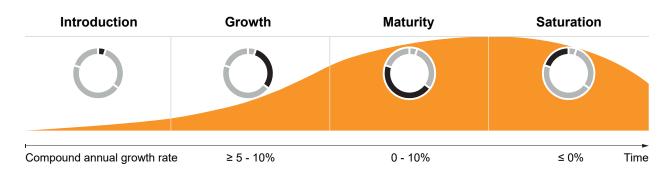
### II. Continental Strategy – Great People Culture

The Same Values Worldwide for a Shared Corporate Culture



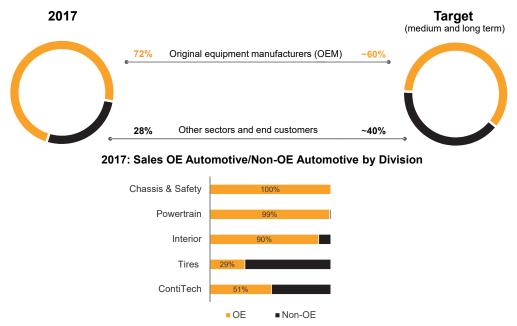
17

### II. Continental Strategy – Technological Balance Technological Balance

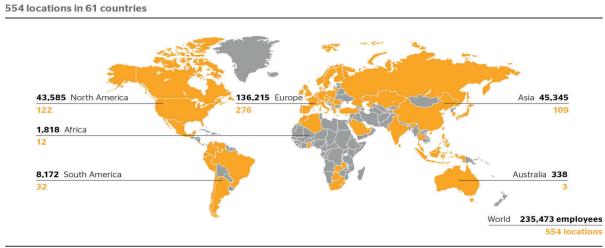


Technology life cycle O Technology portfolio share of sales in %

### II. Continental Strategy – Balanced Customer Portfolio Sales OE Automotive/Non-OE Automotive

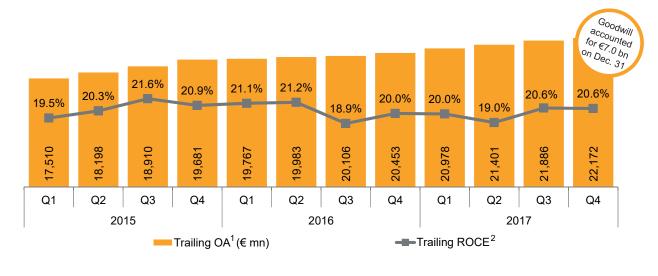


### II. Continental Strategy – In the Market for the Market Continental Corporation Worldwide



The postal addresses of companies under our control are definded as locations.

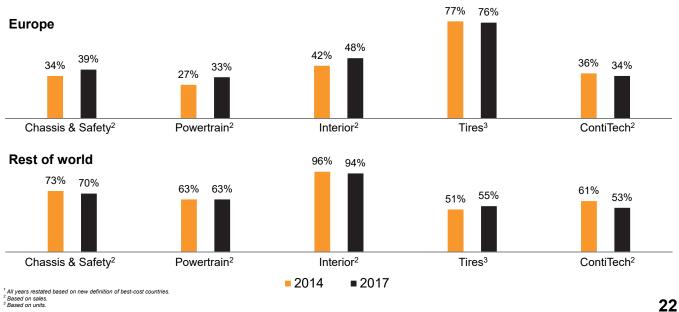
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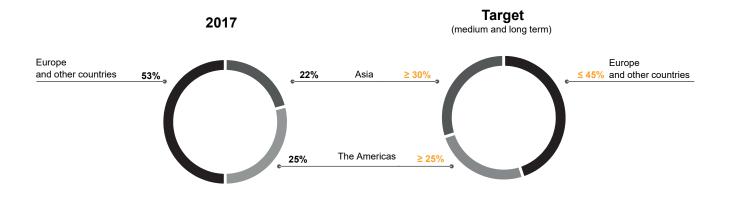
### II. Continental Strategy – Value Creation Sustainable Value Creation

Trailing operating assets are calculated as assets for the last twelve months (LTM). <sup>2</sup> Trailing ROCE is calculated as reported EBIT for the last twelve months (LTM) divided by trailing operating assets

### **II. Continental Strategy – Value Creation** Cost Consciousness – Production in Best-Cost Countries

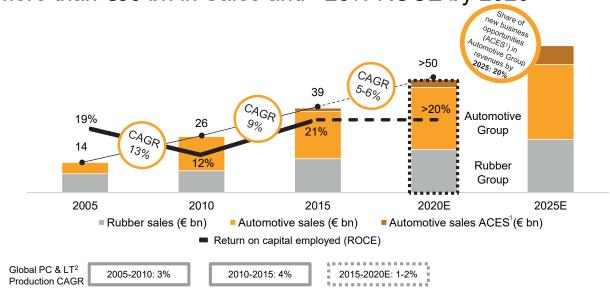


### II. Continental Strategy – Regional Sales Balance Balance Distribution of Sales



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<sup>1</sup> ACES: Automated Driving, Connectivity, Electrification and Smart Mobility.
<sup>2</sup> Passenger car and light truck.

### **Topics**

| Continental at a Glance           | 3   |    |
|-----------------------------------|-----|----|
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| XI. Glossary                      | 181 |    |
|                                   |     | 25 |

### III. Automotive Trends New Business Opportunities Arise (1)

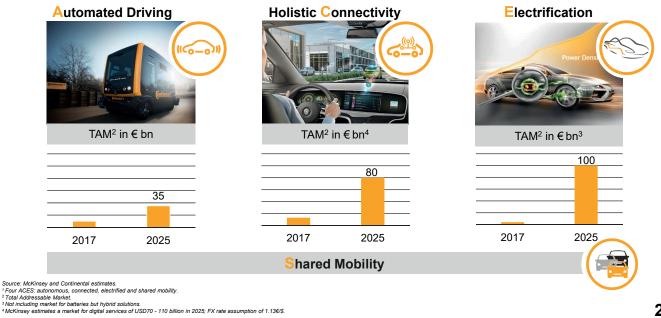
- Revenue pool for suppliers reached more than €1 trn in 2017
- Business related to "established" business will grow by ~1% p.a. and reach ~€1.1 trn in 2025
- Revenues share of Electrification<sup>1</sup>, Automated Driving and Holistic Connectivity represented in total <3% in 2017</li>
- > Revenue share of Electrification<sup>1</sup>, Automated Driving and Holistic Connectivity will grow by ~30% p.a. to >€200 bn in 2025
- It will account for ~15% of the overall supplier revenue market by 2025



Sources: Roland Berger and Continental estimates. FX rate assumption 1.13 EUR/USD. <sup>1</sup> Not including market for electric vehicle batteries but including hybrid solutions.

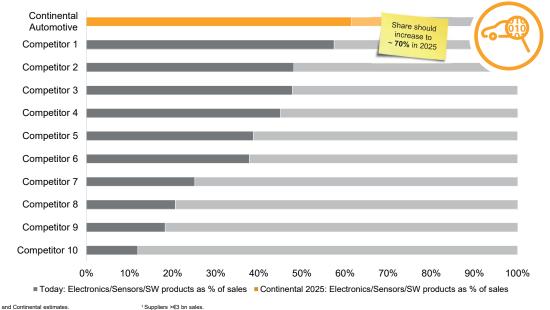
### **III. Automotive Trends**

New Business Opportunities Arise (2)



## **III. Automotive Trends**





Source: Company filings and Continental estimates

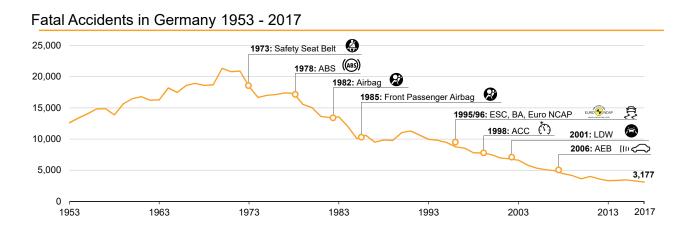
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### III. Automotive Trends: Automated Driving

Road Traffic Deaths per 100,000 Inhabitants by Region<sup>1</sup>



### III. Automotive Trends: Automated Driving History and Roadmap for Accident-Free Driving



'Federal Statistics Office, Germany (Destatis); ABS - Anti-lock Brake System, ESC - Electronic Stability Control , BA - Brake Assist, ACC - Adaptive Cruise Control, LDW - Lane Departure Warning, AEB – Autonomous Emergency Braking.

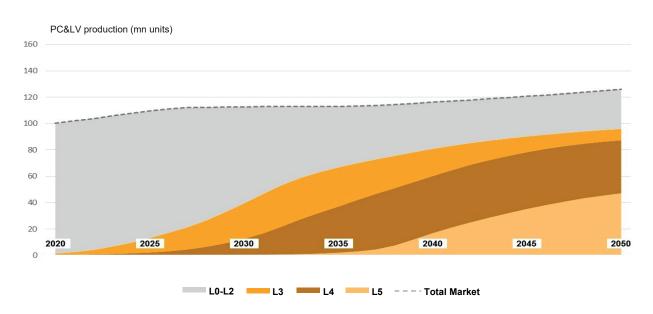
### **III. Automotive Trends: Automated Driving**

Outlook 2025 - Approaching Automated Driving: Three-Layer Model

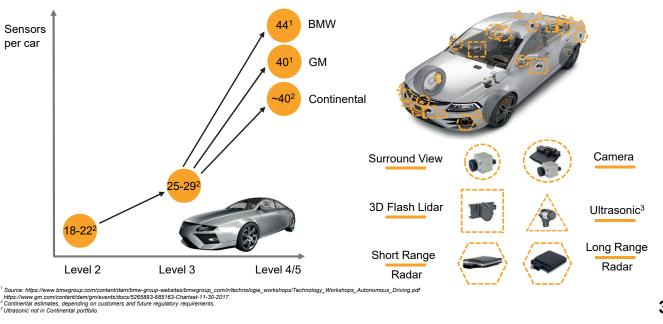
|                     | Market for                             | Automated Driving<br>~€35 bn <sup>1</sup> by 2025 | Recent additions to the portfolio (incl. cooperations and JVs) |
|---------------------|--|---|--|
| Components          | Sensors                                | ~€26 bn¹  | solid-state<br>flash lidar                                     |
| System              | Electronics<br>Software<br>Integration | ~€7 bn¹   | Elektrobit easyMile<br>COUNTUM<br>HUAWEI                       |
| Environmental Model | Software<br>Electronics                | ~€2 bn¹   | Oucit     NTT Docomo       Baidu       BMW/Intel platform      |

<sup>1</sup> Source: Continental estimates.

III. Automotive Trends: Automated Driving Estimated Market Development



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### **III. Automotive Trends: Automated Driving** ADAS Sensors per Car

## **III. Automotive Trends: Automated Driving**

### Function and Sensor Scenarios<sup>1</sup>

| Partially automated   | Conditionally automated L3   | Highly / Fully automated  |
|---|--|---|
| <ul> <li>Autonomous emergency braking<br/>(incl. intersections)</li> <li>Lane keeping assist</li> <li>Lane change assist</li> <li>Adaptive cruise control<br/>(Anticipatory and cooperative ACC)</li> <li>Traffic jam assist</li> <li>Back-up assist</li> <li>Parking assist</li> </ul> | Additionally to L2:<br>Cruising chauffeur<br>Traffic jam chauffeur<br>Remote parking | Additionally to L3:<br>> Urban chauffeur<br>> Cruising chauffeur (Enhanced)<br>> Traffic jam chauffeur (Enhanced)<br>> Automated parking<br>(e.g. Trained parking, Valet parking) |
| 1x Camera   | 2-3x Camera  | 3-6x Camera   |
| 4x Short range radar  | 4-6x Short range radar   | 6x Short range radar  |
| 1x Long range radar   | 2-3x Long range radar  | 2-3x Long range radar   |
|   | 1x Flash lidar   | 4-7x Flash lidar  |
| 1x Surround view system<br>(4 cameras + 1 ECU)  | 1x Surround view system<br>(4 cameras; 1x ECU optional)                              | 1x Surround view system<br>(4 cameras; 1x ECU optional)   |
|   |  |   |
| 1x Rear view system (Option)  | 1x Rear view system  | 1x Rear view system   |
| , , , , , , , , , , , , , , , , , , ,   | 1x Rear view system  |   |
| , , , , , , , , , , , , , , , , , , ,   | 1x   Rear view system     12x   Ultrasonic sensors <sup>2</sup>                      | 1x Rear view system   |

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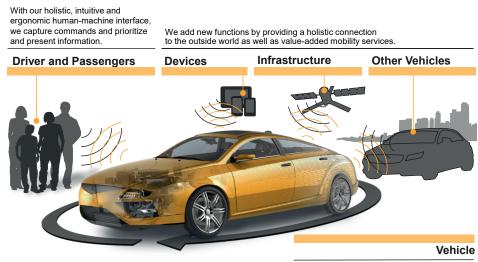
### III. Automotive Trends: Automated Driving Self Driving Car Project CUbE

#### **Continental Urban Mobility Experience**

| Driving Intelligence          Situation analysis         Decision-making         Low-level vehicle control         ADCU (mid-term)         Localization         Robust localization in urban areas         Radar         Wireless infrastructure beacons         Seat Material         Tailored seat surfaces         Resilient         Easy to clean         Comfortable | <pre>interference of the second seco</pre> |  | amera Sensing<br>Object detection<br>Barrier detection<br>Front sensor cover drive path<br>Radar Sensing<br>Short range sensor<br>> Object detection<br>> Barrier detection<br>> 4 sensors for 360° view<br>Lidar Sensing<br>Solid state flash lidar (mid-term)<br>> Object detection<br>> Barrier detection<br>> 4 sensors for 360° view |  |  |
|---|---|--|---|--|--|
| Comfortable Continental (2018)  4 sensors for 360° view We will become a full system supplier!  |   |  |   |  |  |

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### III. Automotive Trends: Holistic Connectivity Information Management – Inside the Vehicle and Beyond



We manage and optimize the information flow by systems integration of components.

### **III. Automotive Trends: Holistic Connectivity**

Product Highlights for Intelligent Mobility



A necessary and unique selling proposition for us as systems integrator.

## III. Automotive Trends: Holistic Connectivity

### Portfolio Extension Towards Systems and Services



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### III. Automotive Trends: Holistic Connectivity Holistic Connectivity Car



>30 million<sup>1</sup> connected vehicles by

🛈 ntinental 🏂

2017: >50% of produced vehicles are connected

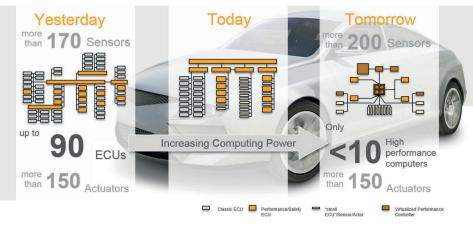
### 2020: >250 million

of the vehicles on the road will be connected

<sup>1</sup> Since 1996.

## III. Automotive Trends: Holistic Connectivity

### Software Drives Architecture, Process and Organization





- > Increasing computing power will lead to an centralized E/E architecture
- > Hardware will be separated from software software integration capabilities are needed
- > Security supporting approach by multilayered, end-to-end solutions and services required

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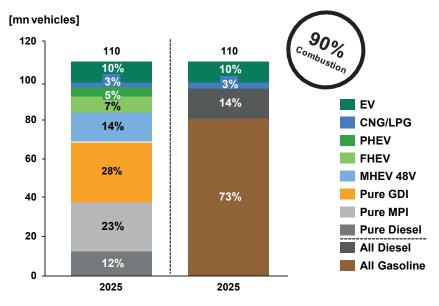
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### III. Automotive Trends: Holistic Connectivity

### Central Processing Unit in a Server Based Architecture

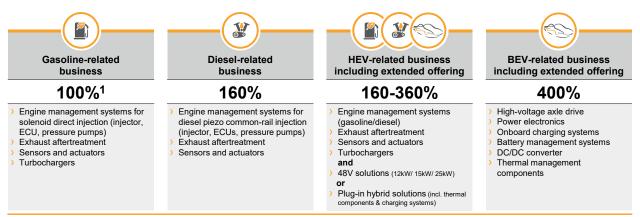
| Automated driving   | ((6-0)))               | ><br>> | <ul> <li>Automotive and cross industry trends require new approaches in EEA*</li> <li>Move towards structures known from IT industry</li> </ul> |  |  |   |
|---|------------------------|--------|---|--|--|---|
| Electrification   | ÉD.                    | >      | The In-Vehicle se   | rver is a cornersto  | ne of modern veh   | icle architectures  |
| Connectivity  | 6 <u>-</u> 0)          |        |   |  |  |   |
| New Mobility  |                        |        |   | Contraction of the second seco |  |   |
| SW defined car  | <del>ر ا</del>         | >      | High performance  | Redistribution of  | In-vehicle   | ing individual use cases:<br>Master for Cyber Security,   |
| Digitalization  | 010011000<br>101010011 |        | computing unit.<br>Predefined appli-<br>cations as well as<br>new 3rd party SW  | application SW.<br>Separation of I/O*<br>logic from appli-<br>cation function +  | communication.<br>Increasing<br>demand of in-<br>vehicle network | SW over-the-air updates<br>and vehicle diagnosis.<br>Elektrobit SW management<br>and Argus cyber security |
| Internet of Things  |                        |        | and service inte-<br>gration.   | application fusion across domains.   | bandwidth.   | solutions are essential elements.   |
| EEA = Electric/Electronic architectu<br>1/0 = Input / Output. | ure.                   |        |   |  |  |   |

### III. Automotive Trends: Electrification ICE<sup>1</sup> Expected to Grow at Least Until 2025



<sup>1</sup> Internal Combustion Engine.

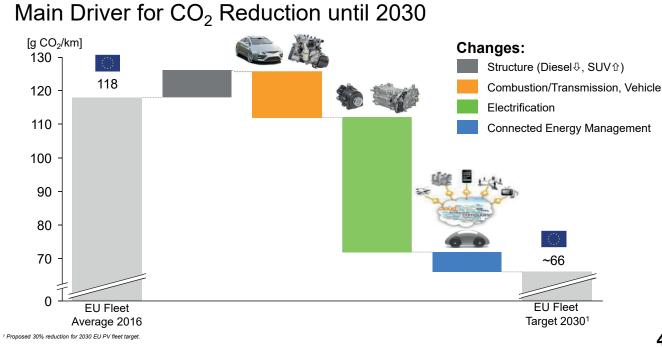
### III. Automotive Trends: Electrification Relative Value of Continental's Content<sup>1</sup>



Well positioned in all key technologies!

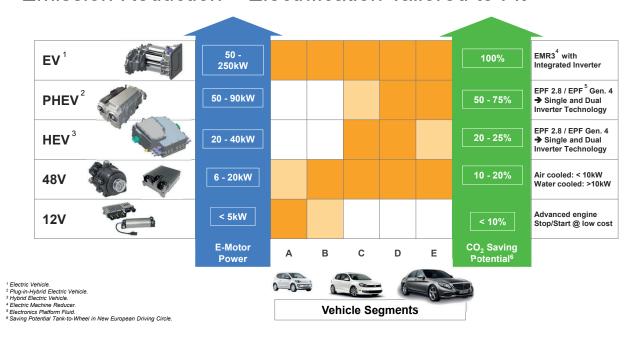
<sup>1</sup> Value of displayed gasoline content per car is indexed at 100%; all other values read relative to the gasoline content.

## III. Automotive Trends: Electrification



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### III. Automotive Trends: Electrification Emission Reduction – Electrification Tailored to Fit

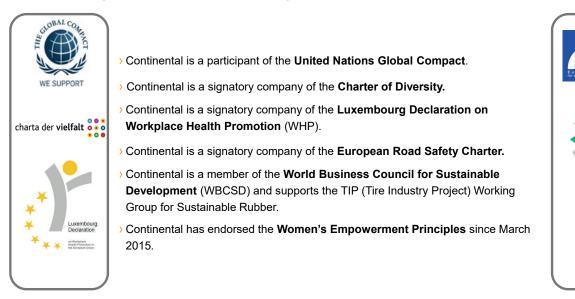


### **Topics**

| Continental at a Glance           | 3   |
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|                                   |     |

25 000

### IV. Sustainability at Continental Main Corporate Memberships



Source: www.charta-der-vielfalt.de (German Federal Government Commissioner for Migration, Refugees and Integration); www.luxemburger-deklaration.de; www.globalcompact.de; http://www.wbcsd.org; http://www.erscharter.eu http://www.weprinciples.org.

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### IV. Sustainability at Continental Ratings and Indexes

#### Indexes

- > ECPI
- > FTSE4good global and FTSE4good Europe Index
- > Stoxx Global ESG Leaders & Stoxx Europe ESG Leaders
- > Stoxx Global Reported Low Carbon, Euro Stoxx Low Carbon

#### Ratings

- > CDP rated Continental in the climate category with 'Score C', in the water category with 'Score D' and in the supply chain category with 'Score C'.
- > Oekom research rated Continental with 'Prime (C+)'.
- > Sustainalytics rated Continental with 76 points in the overall score.
- > MSCI rated Continental with 'BB'.



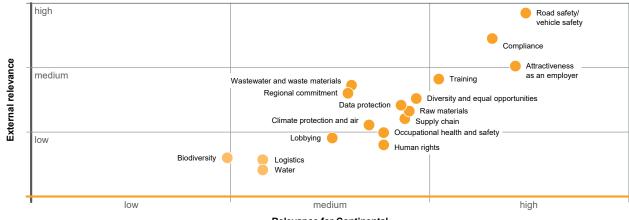
### **IV. Sustainability at Continental** Our Policies and Guidelines

#### Principles of our Corporate Social Responsibility



<sup>1</sup> Environment, Safety and Health.

### IV. Sustainability at Continental Materiality Matrix



**Relevance for Continental** 

### IV. Sustainability at Continental Roadmap 2020

In 2015, we developed a consolidated sustainability program and set ourselves goals for 2020 in order to achieve measurable improvement in our four fields of action. Some of these extend until 2025. These are the fields of activity and main goals form our Roadmap 2020:



For more information please go to the GRI Report 2016, page 12ff.

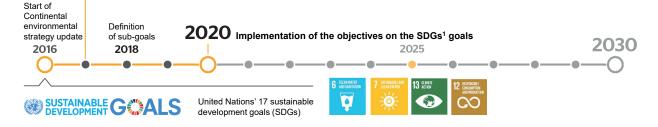
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### IV. Sustainability at Continental – Environment Environmental Strategy 2020

Sustainable management at all stages of the value chain and throughout the entire life cycles of our products is now an essential part of our philosophy.

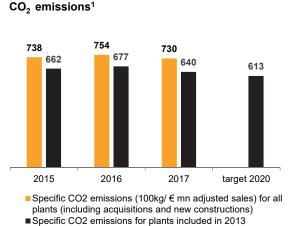
#### 2017 Roll out and implementation of strategy program 2020

- > Involvement of Suppliers
- > Demand and encouragement of comprehensive environmental management
- The supply chain has the same importance as strategic environmental projects for reducing environmental impacts through our own action.
- > Implementation of major Roadmap 2020 goals.
- > Definition of major ESG criterias (water, climate change, saving of ressources) in line with four of the SDGs1.

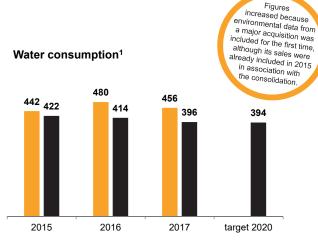


Figures

### **IV. Sustainability at Continental – Environment** Corporate Environmental Key Performance Indicators (1)

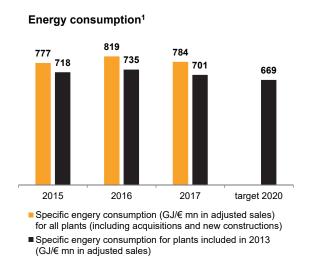


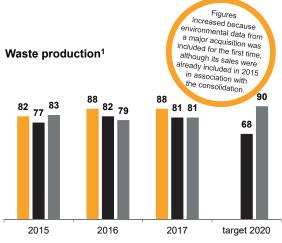
1 Reviewed with limited assurance by an independent auditor



Specific water consumption (m3/€ mn in adjusted sales) for all plants (including acquisitions and new constructions) Specific water consumption for all plants included in 2013

**IV. Sustainability at Continental – Environment** Corporate Environmental Key Performance Indicators (2)





Specific waste generation (100kg/€ mn in adjusted sales) for all plants (including acquisitions and new constructions) Specific waste generation for plants included in 2013 ■Waste recycling (%)

1 Reviewed with limited assurance by an independent auditor

# **IV. Sustainability at Continental – Environment**

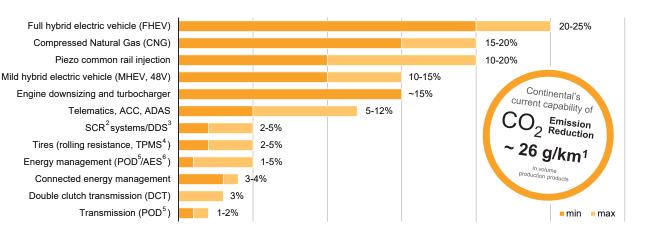
# Corporate Environmental Key Performance Indicators (3)

| Scope 3 emissions in m | etric tons of CO <sub>2</sub> |
|------------------------|-------------------------------|
|------------------------|-------------------------------|

| Self commissioned incoming logistics                                | 1,152,124  |
|---|------------|
| > Self commissioned outgoing logistics                              | 539,058    |
| > Purchased goods and services                                      | 8,721,849  |
| > Waste produced through operational processes                      | 20,660     |
| > Fuels and energy-related activities not included in Scope 1 and 2 | 449,081    |
| Total   | 10,882,772 |

| For the selected indirect CO <sub>2</sub> emissions (Scope 3), we follow international standards such as the Corporate Value Chain Accounting and Reporting Protocol of the World Resources Institute (WRI) and the World Business Council for Sustainable |
|--|
| Development (WBCSD)  |
|  |

### **IV. Sustainability at Continental – Environment** Reduction of CO<sub>2</sub> Emissions<sup>1</sup>: Solutions by Continental



<sup>1</sup> Saving potential compared with gasoline direction injection Euro 5 / NEDC. <sup>3</sup> SCR = Selective Catalytic Reduction. DDS = DEKI injector for disea diosing into exhaust gas. <sup>1</sup> TPMS = Tire Pressure Monitoring System. <sup>1</sup> POD = Popure. On-Demand

<sup>5</sup> POD = Power-On-Demand. <sup>6</sup> AES = Advanced Energy Supply.

### **IV. Sustainability at Continental – Environment** Certification of Suppliers

#### Goal by 20201: 100% of strategic suppliers meet ISO 14001 requirements

- 1. Assessments to determine status of the supplier.
- Measures (joint projects, training sessions, and workshops for example) are initiated to achieve our goals in supplier development as necessary.

We monitor the environmentally friendly production of our suppliers world wide as part of internal supplier audits. Relevant issues in the scope of these audits include compliance, organization and the provision of resources for EH&S.

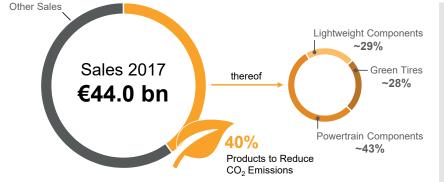
Starting in 2017, we will systematically evaluate our suppliers based on sustainability criteria with the help of an independent service provider. Our goal in doing so is to better fulfill our responsibilities and ensure that we are able to comply with our requirements within the worldwide supply chain.



Roadmap 2020. Source: Sustainability Report 2016, page 22.

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### **IV. Sustainability at Continental – Environment** Sales of Products to Reduce CO<sub>2</sub> Emissions



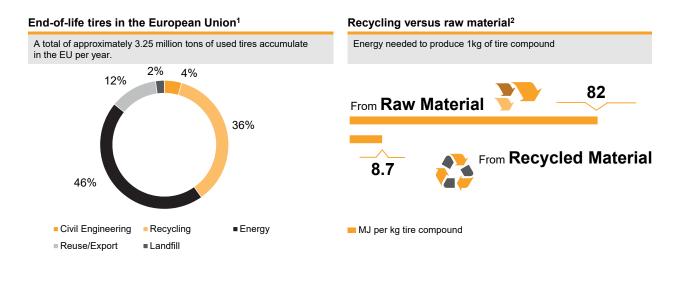
#### Green tires

Tires optimized on rolling resistance (all tires labelled B and better)

Lightweight components

Light weight brakes, road database (green maps), intelligent transportation systems

### IV. Sustainability at Continental – Environment Tires – Recycling and Recovery



<sup>1</sup> Source: ETRMA, June 29, 2016. <sup>2</sup> Source: Continental Reifen Deutschland.

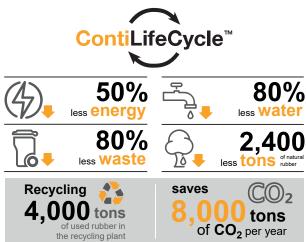
# IV. Sustainability at Continental – Environment Tires – ContiLifeCycle

Breathing life into tires a second and even a third time is the basic idea behind the ContiLifeCycle approach.

Using a novel and proprietary process, Continental has succeeded in recycling rubber from used tires in such a way that the raw material will be directly returned into the production cycle for new or retreaded tires.

At ContiLifeCycle (CLC) plants, we reprocess worn-out truck tires in a retreading process that conserves resources. The rubber powder that is produced during retreading is further processed into recyclate, which is used in the production of new and retreaded tires.

The retreaded tires offer the same performance characteristics and rolling resistance as new tires.



### **IV. Sustainability at Continental – Social Responsibility** Equal Opportunity

#### Workforce Diversity

The Continental team is made up of people with different backgrounds, cultures, religions, genders and ages. The diversity of different mindsets and points of views, skills and experiences makes us strong.

To promote diversity within the company, we focus on two key areas:

- > A balanced mix of men and women
- > Internationality

#### **Demographics Program**

A comprehensive concept designed to address the far-reaching changes as a result of the expected demographic trend focuses on four topics:

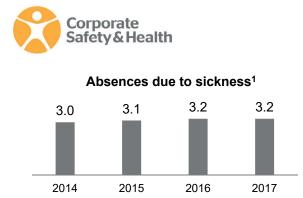
- > Workplace design
- > Health maintenance for longer employment
- Targeted qualification measures

Female employees in nanagement positions: 7.5% in 2010 13.4% in 2017 16% by 2020 (target)

Motivation for a longer working life

IV. Sustainability at Continental – Social Responsibility Health and Occupational Safety

Our specialist department Corporate Safety & Health "Safety, Health, Hazardous Substances, Ergonomics" sets protection standards, which apply across the entire Corporation. Standards are the foundation for safety at work, secure production plants and processes, and reflect our responsibility to our employees and to the environment.



<sup>1</sup> Paid and unpaid absences due to sickness in relation to the contractual working hours in percent (for the corporation).

Hours lost: Hours lost due to accidents<sup>2</sup> `25% <sup>Since</sup> 2010 729 638 574 554 548 498 486 472 Accident rate 4.6 4.2 3.6 3.3 3.0 3.1 2.9 3.2 2010 2011 2012 2013 2014 2015 2016 2017

<sup>2</sup> Number of accident-related hours lost worldwide per million hours worked.
<sup>3</sup> Number of work-related accidents worldwide with one or more days lost per million hours worked

# **Topics**

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| VI. Continental Corporation      | 70  |    |
| VII. Market Data                 | 79  |    |
| VIII. Automotive Group           | 91  |    |
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|                                  |     | 63 |

# V. Corporate Governance Two-Tier Board System – Corporate Bodies

#### Corporate bodies of the company

|                        | Shareholders' Meeting<br>Shareholders' exercise their rights of                    | participation and | control   |
|------------------------|--|-------------------|---|
|                        | <ul> <li>Elects</li> <li>shareholder</li> <li>Ratifies</li> <li>Reports</li> </ul> |                   | <ul> <li>Ratifies</li> <li>Reports</li> </ul>   |
|                        | Supervisory Board  |                   | Executive Board   |
| Chairman's Committee ( | 20 members<br>10 shareholder representatives                                       | Appoints,         | 8 members   |
| Audit Committee        | 10 employee representatives  | and advises       | Responsible for managing the company in accordance with the   |
| IominationCommittee 〈  | Involved in decisions of fundamental significance to the company                   | Reports           | law, the Articles of Incorporation,<br>and the By-Laws of the Supervisory<br>and Executive boards, while taking |
| Nediation Committee 〈  |  |                   | into account the resolutions of the<br>Shareholders' Meeting  |

# V. Corporate Governance **Executive Board Continental AG**



Dr. Elmar Degenhart Chairman of the Executive Board Born in 1959 Appointed since 2009 until August 2019



José A. Avila Powertrain Division Born in 1955 Appointed since 2010 until December 2019



Hans-Jürgen Duensing ContiTech Division Born in 1958 Appointed since 2015 until April 2023



Interior Division Born in 1963 Appointed since 2009 until August 2022

Helmut Matschi



Dr. Ariane Reinhart

Frank Jourdan

Wolfgang Schäfer

Chief Financial Officer

Born in 1960

Chassis & Safety Division

Human Relations Born in 1969 Appointed since 2014 until September 2022

Appointed since 2013 until September 2021



Born in 1959 Appointed since 2010 until December 2019



Nikolai Setzer Tires Division Born in 1971 Appointed since 2009 until August 2022

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# V. Corporate Governance

Supervisory Board Continental AG – Shareholder Representatives



Prof. Dr.-Ing. Wolfgang Reitzle (Chairman) Chairman of the Supervisory Board of Linde AG \*1949, nationality: German, elected until 2019, first elected 2009

Memberships<sup>1</sup>: 6 (4 as chairman)



#### Dr. Gunter Dunkel

\*1953, nationality: Austrian, elected until 2019, first elected 2009 Memberships1: 1





Chairman European Debt, Muzinich & Co





\*1953, nationality: German, elected until 2019, first elected 2013 Memberships1: 1

#### Prof. Dr. Klaus Mangold

Chairman of the Supervisory Board of Rothschild GmbH \*1943, nationality: German, elected until 2019, first elected 2009 Memberships1: 5 (2 as chairman)



#### Sabine Neuß Member of the Management Board of Linde Material Handling GmbH

Aschaffenburg \*1968, nationality: German, elected until 2019, first elected 2014

Memberships1: 4



#### Prof. Dr. Rolf Nonnenmacher Certified Accountant, self employed, Berg \*1954, nationality: German, elected until 2019, first elected 2014 Memberships1: 4

#### Klaus Rosenfeld

Chief Executive Officer Schaeffler AG, Herzogenaurach \*1966, nationality: German, elected until 2019, first elected 2009 Memberships1: 3







1964, nationality: German, elected until 2019, first elected 2009 Memberships1: 2 (1 as chairman)

Maria-Elisabeth Schaeffler-Thumann Co-owner of INA-Holding Schaeffler GmbH & Co. KG, Herzogenaurach \*1941, nationality: German, elected until 2019, first elected 2009 Memberships1: 2 (1 as vice chairman)



Prof. KR Ing. Siegfried Wolf Chairman of the board of directors of Russian Machines LLC, \*1957, nationality: Austrian, elected until 2019, first elected 2010

Memberships of statutory supervisory boards (including Continental AG) and of comparable controlling bodies of companies in Germany and abroad in accordance with Section 285 No.-10 of the German Commercial Code (Handelsgesetzbuch – HGB)

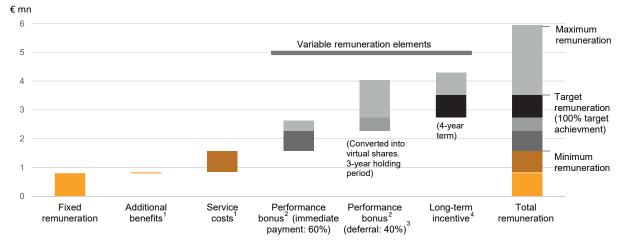


# Herzogenaurach

#### V. Corporate Governance

### Remuneration of an Executive Board member

2017 remuneration of an Executive Board member responsible for a division (example)

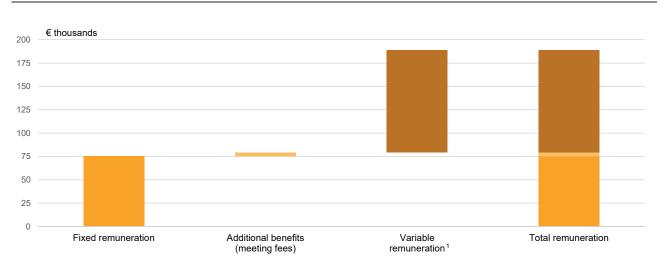


Average for 2017. Based on a target bonus (here: €1.167 million), for 100% achievement of defined CVC and ROCE targets, maximum of 150% of the target bonus (including achieving any additional strategic targets as well as any correction of the target achievement of +/ 20% by the Supervisory Board), divided into an immediate payment (60%) and deferral (40%). The possible increase in the value of the deferral is capped at 250% of the initial value. The maximum anount shown relates to the maximum payment in the performance bonus at 150% target achievement. Based on achieving average CVC versus planned CVC (max. 200%), multiplied by the degree of achieving the total shareholder return, maximum payment of 200%.

# V. Corporate Governance

### Remuneration of a Supervisory Board member

2017 remuneration of a Supervisory Board member (example)



<sup>1</sup> Basis for calculation: €90 for each cent of earnings per share over €2, calculated as an average of the last three years

# **Topics**

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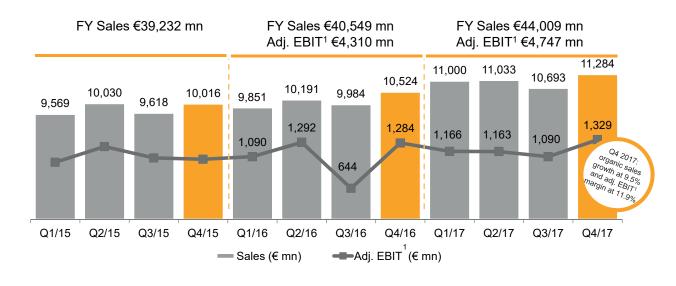
# **VI. Continental Corporation**

# Key Consolidated Figures

| €mn  | 2015     | 2016     | 2017     |
|--|----------|----------|----------|
| Sales                                      | 39,232.0 | 40,549.5 | 44,009.5 |
| EBITDA                                     | 6,001.4  | 6,057.4  | 6,678.9  |
| in % of sales                              | 15.3     | 14.9     | 15.2     |
| EBIT                                       | 4,115.6  | 4,095.8  | 4,561.5  |
| in % of sales                              | 10.5     | 10.1     | 10.4     |
| EBIT adjusted <sup>1</sup>                 |          | 4,309.8  | 4,746.9  |
| in % of sales <sup>1</sup>                 |          | 10.6     | 10.9     |
| Operating assets (average)                 | 19,680.7 | 20,453.1 | 22,172.4 |
| ROCE                                       | 20.9     | 20.0     | 20.6     |
| R, D & E expenses                          | 2,449.6  | 2,811.5  | 3,103.7  |
| in % of sales                              | 6.2      | 6.9      | 7.1      |
| Capex <sup>2</sup>                         | 2,178.8  | 2,593.0  | 2,854.4  |
| in % of sales                              | 5.6      | 6.4      | 6.5      |
| Depreciation and amortization <sup>3</sup> | 1,885.8  | 1,961.6  | 2,117.4  |
| in % of sales                              | 4.8      | 4.8      | 4.8      |
| thereof impairment <sup>4</sup>            | 93.6     | 58.6     | 40.2     |

<sup>1</sup> EBIT before amortization of intangible assets from PPA, consolidation and special effects; sales before changes in the scope of consolidation.
 <sup>2</sup> Capital expenditure on property, plant and equipment, and software.
 <sup>3</sup> Excluding impairment on financial investments.
 <sup>4</sup> Impairment also includes necessary reversals of impairment losses.

### **VI. Continental Corporation** Sales and Adjusted EBIT<sup>1</sup> by Quarter

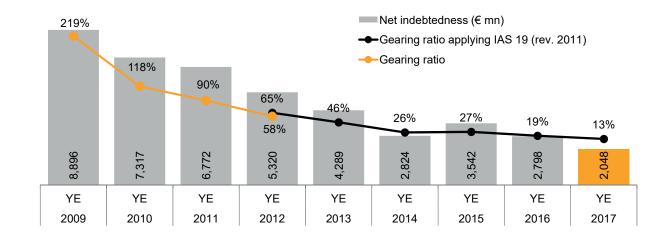


<sup>1</sup> Before amortization of intangibles from PPA, consolidation and special effects

### **VI. Continental Corporation** Key Historical Credit Metrics

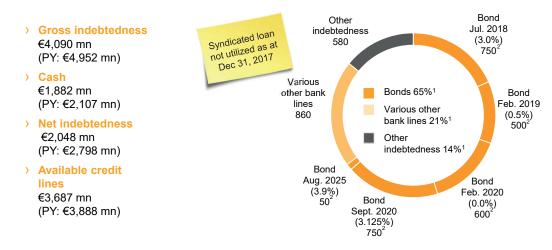
| (€ mn) <sup>1</sup>                                      | 2013   | 2014   | 2015   | 2016   | 2017   |
|--|--------|--------|--------|--------|--------|
| Statement of Cash Flows                                  |        |        |        |        |        |
| Adjusted EBITDA <sup>2</sup>                             | 5,094  | 5,318  | 6,094  | 6,125  | 6,701  |
| Reported EBITDA  | 5,095  | 5,134  | 6,001  | 6,057  | 6,679  |
| Net cash interest paid                                   | -534   | -158   | -174   | -112   | -105   |
| Tax paid   | -805   | -775   | -1,015 | -1,047 | -1,122 |
| Change in net working capital <sup>3</sup>               | -4     | -207   | -107   | -210   | -484   |
| Other <sup>4</sup>                                       | -30    | 175    | 210    | 250    | 253    |
| Cash flow arising from operating activities              | 3,722  | 4,168  | 4,916  | 4,938  | 5,221  |
| Cash flow arising from investing activities              | -1,904 | -2,153 | -3,472 | -3,167 | -3,468 |
| - thereof acquisitions                                   | -154   | -129   | -1,257 | -516   | -596   |
| <ul> <li>thereof capex in PPE and intangibles</li> </ul> | -2,024 | -2,110 | -2,265 | -2,708 | -2,951 |
| Cash flow before financing activities                    | 1,818  | 2,015  | 1,444  | 1,771  | 1,753  |
| Cash flow before acquisitions                            | 1,972  | 2,144  | 2,701  | 2,288  | 2,349  |
| Statement of Financial Position                          |        |        |        |        |        |
| Cash and cash equivalents                                | 2,045  | 3,244  | 1,622  | 2,107  | 1,882  |
| Derivative instruments and interest-bearing investments  | 303    | 364    | 81     | 48     | 161    |
| Total indebtedness                                       | 6,638  | 6,432  | 5,245  | 4,952  | 4,090  |
| Net indebtedness   | 4,289  | 2,824  | 3,542  | 2,798  | 2,048  |
| Credit Ratios  |        |        |        |        |        |
| Net indebtedness / adjusted EBITDA <sup>2</sup>          | 0.8x   | 0.5x   | 0.6x   | 0.5x   | 0.3x   |
| Net cash interest paid coverage (Ratio) <sup>5</sup>     | 9.5x   | 33.7x  | 35.1x  | 54.8x  | 63.6x  |

<sup>1</sup> Amounts shown may contain rounding differences.
<sup>2</sup> Adjusted EBITDA as defined in syndicated loan.
<sup>3</sup> Includes changes in inventrices, trade accounts payable, trade accounts payable and discounted notes.
<sup>4</sup> Includes dividends received, income from equity accounted and other investments, incl. impairment and reversal of impairment losses, gains / losses from the disposal of assets, companies and business operations, other non-cash items as well as changes in employee benefits and other provisions and in other assets and liabilities.
<sup>4</sup> Adjusted EBITDA to net cash interest paid.



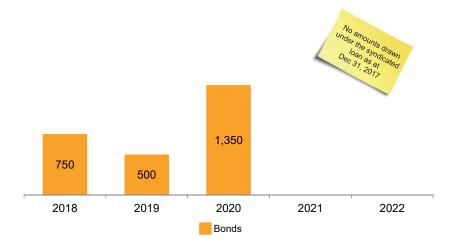
#### VI. Continental Corporation Net Indebtedness and Gearing Ratio

# VI. Continental Corporation Gross Indebtedness by Source at YE 2017 (€ mn)



### VI. Continental Corporation Maturities for Bonds<sup>1</sup> (€ mn)





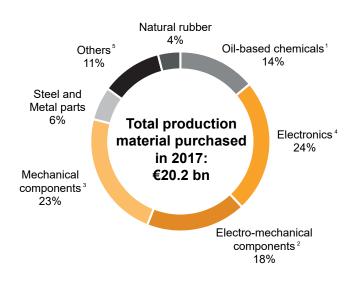
<sup>1</sup> All amounts shown are nominal values

# **VI.** Continental Corporation

Purchasing – Production Materials 2017

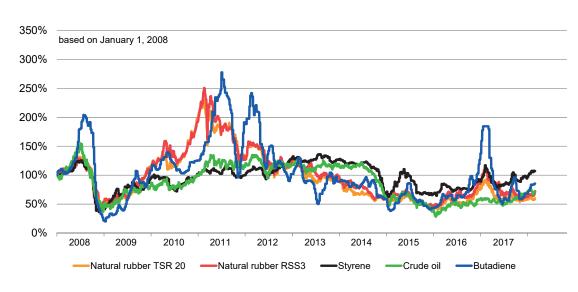
#### **Purchasing Contracts**

- Continental has a wide range of sources > for production materials worldwide.
- A specific strategy for each production material group is set up and the appropriate supplier panel is selected. This way we ensure the competitiveness and availability of the materials.
- For some materials, prices might have a > long lead time until they become fully reflected in the cost of our final products.



E.g. synthetic rubber, carbon black. chemicals. E.g. printed circuit boards, mechatronics, motors. components. E.g. stamped parts. engine system specific, forgings, bearings, fasteners. E.g. discrete/ standards, microcontroller, LCD.

tiles, plastics

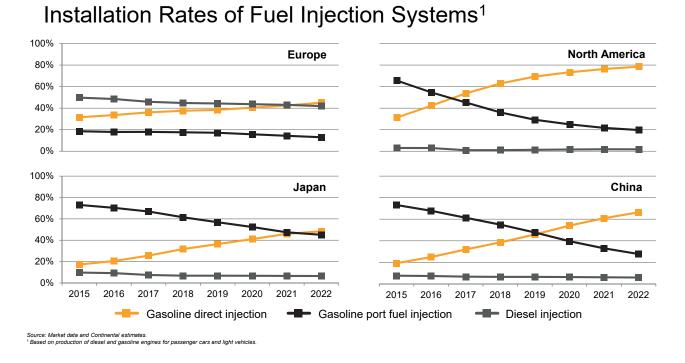


#### VI. Continental Corporation Raw Material Prices

Sources: Natural rubber: Rolling one-month contracts from the Singapore Exchange (U.S.\$ cents per kg). Crude oil: Europe Brent Forties Oseberg Ekofisk price from Bioomberg (U.S.\$ per Perrel). Budadiene, stytene: South Kroze export price (FOB) from PolymerUpdate.com (U.S.\$ per metric ton).

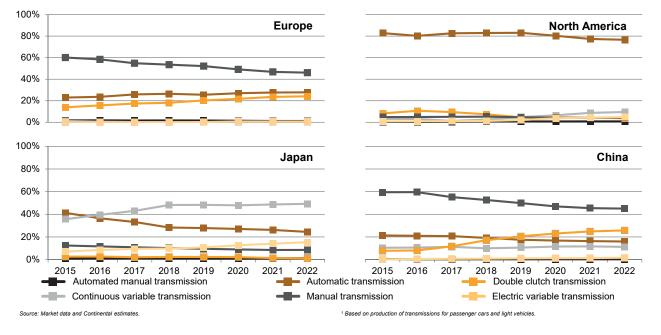
# **Topics**

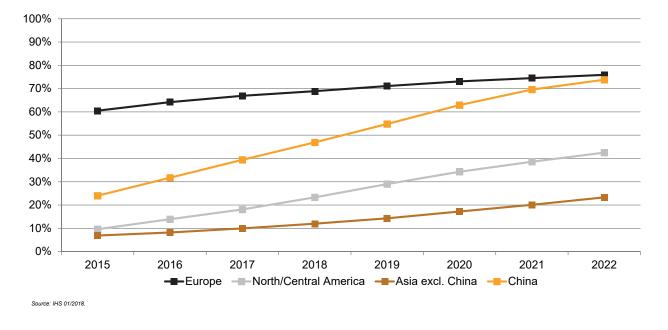
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VII. Market Data

Development of Transmissions Technologies<sup>1</sup>

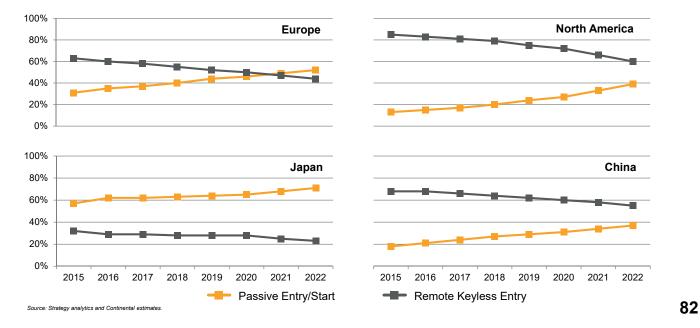


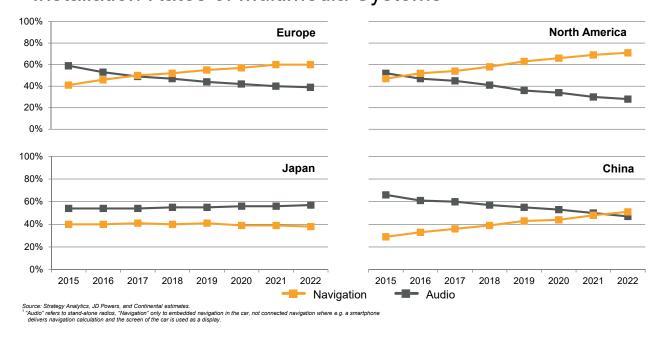


Installation Rates of Turbochargers in Gasoline Engines

#### VII. Market Data

Installation Rates of Keyless Entry Systems

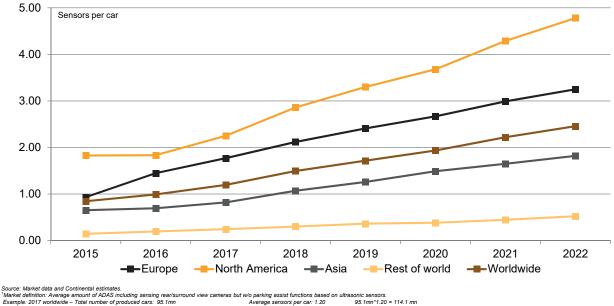




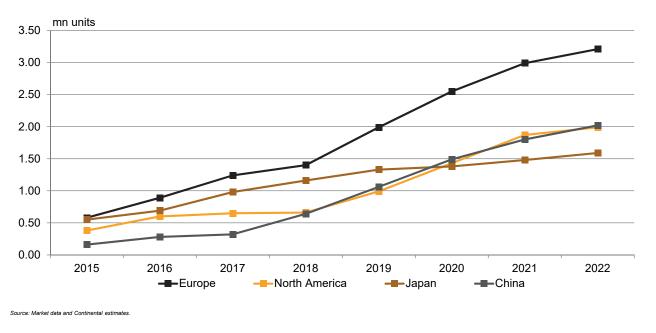
#### VII. Market Data Installation Rates of Multimedia Systems<sup>1</sup>

#### VII. Market Data

Sensors per car of Advanced Driver Assistance Systems<sup>1</sup>



und view cameras but w/o parking assist functions based on ultr Average sensors per car: 1.20 sonic sensors. 95.1mn\*1.20 = 114.1 mn



**Rising Volumes of Head-Up Displays** 

# **VII. Market Data**

Production of Passenger Cars and Light Commercial Vehicles (<6t)

| mn units            | 2015 | 2016 | 2017 | 2018E |
|---------------------|------|------|------|-------|
| Europe <sup>1</sup> | 20.8 | 21.4 | 22.1 | 22.5  |
| North America       | 17.5 | 17.8 | 17.1 | 16.8  |
| South America       | 3.1  | 2.7  | 3.3  | 3.6   |
| Asia <sup>2</sup>   | 46.4 | 50.0 | 51.5 | 52.5  |
| Other markets       | 1.0  | 1.1  | 1.1  | 1.1   |
| Total               | 88.8 | 93.1 | 95.1 | 96.5  |

Source: IHS, January 2018 and Continental estimates. <sup>1</sup> West, Central and East incl. Russia and Turkey. <sup>2</sup> Asia including Kazakhstan, Uzbekistan, Middle East and Oceania with Australia.

Production of Medium and Heavy Commercial Vehicles (>6t)

| 2015  | 2016                            | 2017   | 2018E  |
|-------|---------------------------------|--|--|
| 609   | 606                             | 660  | 673  |
| 581   | 475                             | 513  | 559  |
| 106   | 85                              | 102  | 112  |
| 1,636 | 1,894                           | 2,140  | 2,033  |
| 0     | 0                               | 0  | 0  |
| 2,931 | 3,059                           | 3,415  | 3,377  |
|       | 609<br>581<br>106<br>1,636<br>0 | 609       606         581       475         106       85         1,636       1,894         0       0 | 609606660581475513106851021,6361,8942,140000 |

Source: IHS, January 2018 and Continental estimates. <sup>1</sup> West, Central and East incl. Russia and Turkey. <sup>2</sup> Asia including Kazakhstan, Uzbekistan, Middle East and Oceania with Australia.

#### **VII. Market Data**

Replacement Tires – Passenger Cars and Light Commercial Vehicles (<6t)

| mn units      | 2015  | 2016  | 2017  | 2018E |
|---------------|-------|-------|-------|-------|
| Europe        | 328   | 340   | 351   | 358   |
| North America | 278   | 285   | 285   | 290   |
| South America | 65    | 66    | 73    | 76    |
| Asia          | 409   | 431   | 453   | 475   |
| Other markets | 43    | 45    | 47    | 48    |
| Total         | 1,123 | 1,168 | 1,208 | 1,247 |

Source: LMC World Tyre Forecast Service, December 2017 and Continental estimates.

Replacement Tires – Medium and Heavy Commercial Vehicles (>6t)

| mn units      | 2015  | 2016  | 2017  | 2018E |
|---------------|-------|-------|-------|-------|
| Europe        | 22.9  | 24.4  | 25.3  | 25.8  |
| North Amercia | 22.8  | 23.6  | 24.5  | 25.3  |
| South America | 13.5  | 13.7  | 15.7  | 16.4  |
| Asia          | 83.5  | 86.6  | 89.2  | 91.0  |
| Other markets | 7.2   | 7.5   | 7.8   | 7.8   |
| Total         | 149.8 | 155.8 | 162.5 | 166.3 |

Source: LMC World Tyre Forecast Service, December 2017 and Continental estimates.

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# **Topics**

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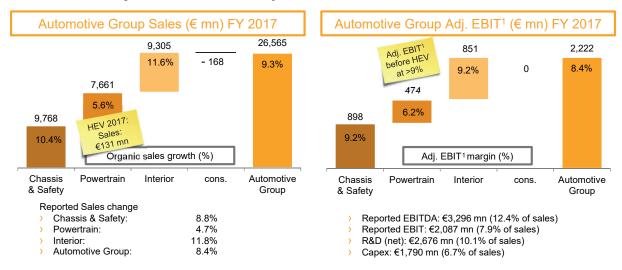
# **VIII. Automotive Group Key Figures**

| €mn  | 2015     | 2016     | 2017     |
|--|----------|----------|----------|
| Sales                                      | 23,574.5 | 24,496.4 | 26,565.4 |
| EBITDA                                     | 2,973.2  | 2,615.0  | 3,296.4  |
| in % of sales                              | 12.6     | 10.7     | 12.4     |
| EBIT                                       | 2,014.4  | 1,526.6  | 2,086.8  |
| in % of sales                              | 8.5      | 6.2      | 7.9      |
| EBIT adjusted <sup>1</sup>                 |          | 1,613.4  | 2,222.1  |
| in % of sales <sup>1</sup>                 |          | 6.6      | 8.4      |
| Operating assets (average)                 | 11,237.5 | 11,978.3 | 12,874.1 |
| ROCE                                       | 17.9     | 12.7     | 16.2     |
| R, D & E expenses                          | 2,097.2  | 2,430.9  | 2,675.5  |
| in % of sales                              | 8.9      | 9.9      | 10.1     |
| Capex <sup>2</sup>                         | 1,274.7  | 1,497.0  | 1,789.5  |
| in % of sales                              | 5.4      | 6.1      | 6.7      |
| Depreciation and amortization <sup>3</sup> | 958.8    | 1,088.4  | 1,209.6  |
| in % of sales                              | 4.1      | 4.4      | 4.6      |
| thereof impairment <sup>4</sup>            | 0.7      | 21.4     | 37.3     |

<sup>1</sup> EBIT before amortization of intangible assets from PPA, consolidation and special effects; sales before changes in the scope of consolidation. <sup>2</sup> Capital expenditure on property, plant and equipment, and software. <sup>2</sup> Excluding impairment on financial investments. <sup>4</sup> Impairment also includes necessary reversals of impairment losses.

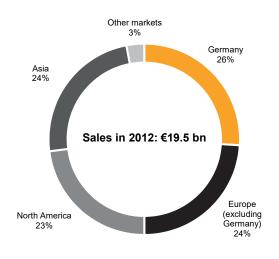
# **VIII. Automotive Group**

### Sales and Adjusted EBIT<sup>1</sup> by Division



<sup>1</sup> Before amortization of intangibles from PPA, consolidation and special effects

## VIII. Automotive Group Sales by Market





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### **VIII. Automotive Group**

Order Intake (LTS<sup>1</sup>) in the Automotive Group of Almost €40 bn in 2017

| Chassis & Safety  | Powertrain   | Interior  |  |
|---|--|---|--|
| <ul> <li>ADAS order intake at ~€3.5 bn<sup>2</sup></li> <li>VED book-to-bill at 1.6x mainly on new MK100 and MK C1</li> <li>More than 35% of the order intake was acquired outside of Europe and North America</li> </ul> | <ul> <li>Engine Systems book-to-bill ratio at 1.4x</li> <li>Sensors &amp; Actuators book-to-bill ratio at 1.7x</li> <li>Nearly all business units recorded an order intake above prior year level</li> </ul> | <ul> <li>&gt; Overall solid order backlog with<br/>book-to-bill in IC and CVAM running<br/>at &gt;1.7x</li> <li>&gt; New orders acquired in ITS</li> <li>&gt; 38% of order intake was acquired in<br/>Asia</li> </ul> |  |
| 13.5       14.7         11.1       1.5       1.5         1.3       2015       2016       2017   | 9.7<br>1.4<br>2015<br>2016<br>2017   | 9.6 10.0 11.7<br>1.2 1.2 1.3<br>2015 2016 2017  |  |
| LTS (€ bn) —Book-to-bill  | LTS (€ bn) -Book-to-bill   | LTS (€ bn)  |  |

<sup>1</sup> LTS = Life Time Sales. <sup>2</sup> Includes ADAS related CVAM business order intake.

#### VIII. Automotive Group Order Intake Well Balanced

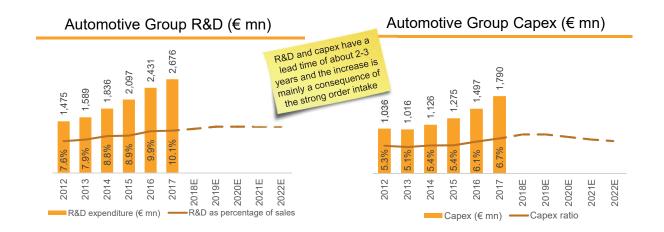




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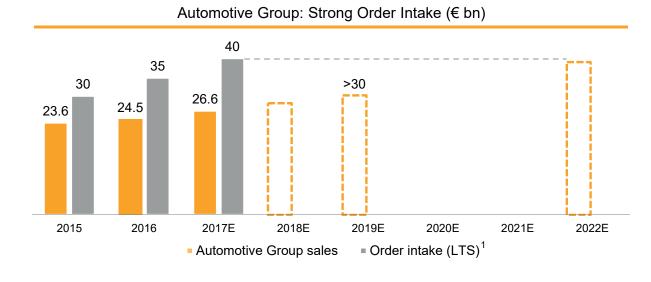
#### **VIII. Automotive Group**

Digitalization Causes Sustained High R&D and Capex



#### VIII. Automotive Group

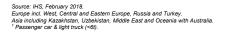


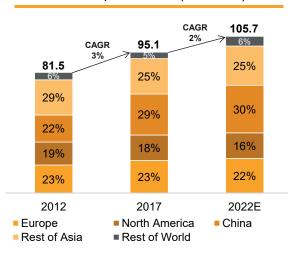


<sup>1</sup> Lifetime Sales.

#### VII. Automotive Group Production of Passenger Cars and Light Trucks (<6t)

- Worldwide PC&LT production showed a CAGR 2012-17 of 3%
- IHS forecasts 2022E 105.7mn units (CAGR 2017-22 of 2%)
- China is the largest market for PC&LT vehicles produced. CAGR expected to slow to 3% in 2017-22E from 9% during 2012-2017
- Rest of Asia expected to grow 2017-22E at 2%
- Europe expected to grow 2017-22E at ~1%
- North America expected to stagnate (CAGR 2017-22E of 0.1%)





#### PC&LT<sup>1</sup> production (mn units)

# **Topics**

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# VIII. Chassis & Safety

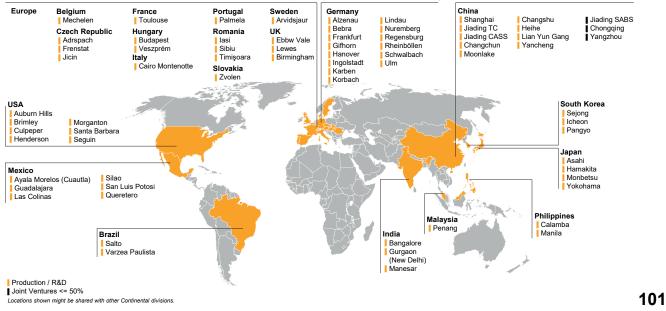
# Business Units and Key Products

| Vehicle Dynamics  | Hydraulic Brake<br>Systems  | Passive Safety &<br>Sensorics   | Advanced Driver<br>Assistance Systems                                      |
|---|-----------------------------|---|--|
| > Electronic Brake Systems  | > Calipers                  | > Integrated vehicle safety   | > Sensors  |
| > Passenger Cars /  | > Drum brakes               | <ul> <li>development, safety testing &amp;<br/>validation</li> </ul>                    | > Camera   |
| Motorcycles   | > Brake hoses               | Airbag control units / safety   | Surround View  |
| > ABS / ESC / oCB   | > Boosters                  | (domain) control units  | <ul> <li>Long Range Radar</li> <li>Short Range Radar</li> </ul>            |
| Software functions     Traction control   | > Tandem master cylinders   | Crash sensors   | <ul> <li>Short Range Radar</li> <li>High Resolution Flash Lidar</li> </ul> |
| <ul> <li>Adaptive cruise control</li> </ul>   | > Electric parking brakes   | > Inertial measurement units  | <ul> <li>Short Range Lidar</li> </ul>                                      |
| <ul> <li>Regenerative brake system</li> </ul>   | > Pedal modules             | <ul> <li>Chassis and driver intention<br/>sensors</li> </ul>                            | > ADCU   |
| > Active front steering   | > Brake pressure regulators | > Battery and energy monitoring   | <ul> <li>Assisted Driving Control Unit</li> </ul>                          |
| <ul> <li>Hill start assist</li> <li>Hydraulic brake assist</li> <li>Trailer stability assist</li> </ul> | > Washer systems            | <ul> <li>sensors</li> <li>&gt; Electronic components<br/>(1st tier customer)</li> </ul> | Automated Driving Control Un   |
| <ul> <li>Trailer stability assist</li> <li>Air Suspension systems</li> </ul>                            |                             | <ul> <li>Wheel, engine and transmission<br/>speed sensors</li> </ul>                    | Driving Functions  |
|   |                             | > V2X-Communication   |  |
| S. S. C.  |                             | > Electronic Chassis Components   |  |
|   |                             |   |  |

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#### VIII. Chassis & Safety Locations Worldwide

71 sites for production and R&D in 20 countries. Divisional headquarter in Frankfurt/Main, Germany.



# VIII. Chassis & Safety

#### **Key Figures**

| €mn  | 2015    | 2016    | 2017    |
|--|---------|---------|---------|
| Sales                                      | 8,449.7 | 8,977.6 | 9,767.8 |
| EBITDA                                     | 1,160.3 | 954.6   | 1,301.6 |
| in % of sales                              | 13.7    | 10.6    | 13.3    |
| EBIT                                       | 814.3   | 580.8   | 897.7   |
| in % of sales                              | 9.6     | 6.5     | 9.2     |
| EBIT adjusted <sup>1</sup>                 |         | 582.6   | 898.1   |
| in % of sales <sup>1</sup>                 |         | 6.5     | 9.2     |
| Operating assets (average)                 | 4,277.7 | 4,448.7 | 4,519.6 |
| ROCE                                       | 19.0    | 13.1    | 19.9    |
| R, D & E expenses                          | 691.2   | 773.4   | 913.8   |
| in % of sales                              | 8.2     | 8.6     | 9.4     |
| Capex <sup>2</sup>                         | 470.3   | 523.7   | 682.5   |
| in % of sales                              | 5.6     | 5.8     | 7.0     |
| Depreciation and amortization <sup>3</sup> | 346.0   | 373.8   | 403.9   |
| in % of sales                              | 4.1     | 4.2     | 4.1     |
| thereof impairment <sup>4</sup>            | -0.1    | 1.5     | 0.5     |

<sup>1</sup>EBIT before amortization of intangible assets from PPA, consolidation and special effects; sales before changes in the scope of consolidation. <sup>2</sup> Capital expenditure on property, plant and equipment, and software. <sup>3</sup> Excluding impairment on financial investments. <sup>4</sup> Impairment also includes necessary reversals of impairment losses.

### VIII. Chassis & Safety Sales by Market





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#### VIII. Chassis & Safety Market-Specific Initiatives - Towards Safer Mobility (1)

#### EU Electronic stability control (ESC)

- > mandatory as of Nov. 2011 for all new types of vehicles > mandatory as of Nov. 2014 for all new vehicles1
- > Tire pressure monitoring system (TPMS)
- > mandatory as of Nov. 2012 for all new types of passenger cars
- > mandatory as of Nov. 2014 for all new passenger cars<sup>2</sup> Advanced emergency braking system and lane departure
- warning
- > mandatory as of Nov. 2013 for all new types of heavy commercial vehicles and buses
- > mandatory as of Nov. 2015 for all new heavy commercial vehicles and buses
- > Brake assist system
- > mandatory as of Nov. 2009 for all new types of passenger cars
- > mandatory as of Nov. 2011 for all new passenger cars<sup>3</sup>
- > Motorcycle anti-lock brake system (ABS)
- > mandatory as of Jan. 2016 for all new types of vehicles > mandatory as of Jan. 2017 for all new vehicles<sup>4</sup>

#### USA

- Electronic stability control (ESC) > mandatory since 2011 for all new light vehicles5
- Tire pressure monitoring system (TPMS) > mandatory as of Sept. 2007 for all new light
- vehicles

#### > Rear Visibility

> mandatory as of May 1, 2016 with a phase in schedule for all vehicles and low-speed vehicles with a gross vehicle weight rating (GVWR) of 10,000 pounds or less12

#### Electronic stability control (ESC)

- > mandatory as of Jan. 2014 for all new types of light vehicles
- mandatory as of Jan. 2016 for all new light vehicles<sup>8</sup>
- Tire pressure monitoring system (TPMS)
- mandatory as of Jan. 2016 for all new types of light vehicles<sup>8</sup>
- Federal Motor Vehicle Safety Standard (FMVSS) No. 126 of the National Highway Traffic Safety Administration (NHTSA); refers to vehicles with a gross vehicle weight of 4.536 t.
   Federal Motor Vehicle Safety Standard (FMVSS) No. 138 of the National Highway Traffic Safety Administration (NHTSA); refers to vehicles with a gross vehicle weight of 4.536 t.
   Federal Motor Vehicle Safety Standard (FMVSS) No. 138 of the National Highway Traffic Safety Administration (NHTSA); refers to vehicles with a gross vehicle weight of 4.536 t.
   Federal Motor Vehicle Safety Standards; Rever Visihility; Final Rule; 49 CFR Part 571.
   Russia Decree 720/2009; refers to passenger cars, buses with a weight of ≤ 5 t and light trucks with a weight of ≤ 3.5 t.

Regulation (EC) No. 661/2009; refers to all vehicles of category M and N. Commission Implementation Regulations for (EC) No. 661/2009; 347/2012 (Advanced Emergency Braking Systems); 351/2012 (Land Departure Warming). Regulation (EC) No. 782009; refers to passenger cars for maximum B passengers plus driver. (COM(2010) 542 from Oct. 2010. ABS mandatory for motorcycles with engine capacity of > 125 ccm. ABS <u>or</u> combined brake system (CBS) mandatory for engine capacity of ≤125 ccm.

# VIII. Chassis & Safety

# Market-Specific Initiatives – Towards Safer Mobility (2)

| Japan  | Brazil  | South Korea  |
|--|---|--|
| > Electronic stability control (ESC)   | <ul> <li>Anti-lock brake system (ABS)</li> </ul>      | > Electronic stability control (ESC)   |
| <ul> <li>mandatory as of Oct. 2012 for all new types of<br/>passonger core.</li> </ul>   | > mandatory as of Jan. 2014 for all new passenger     | mandatory as of Jan. 2012 for all new light vehicles <sup>4</sup>  |
| <ul> <li>passenger cars</li> <li>mandatory as of Oct. 2014 for all new passenger cars<sup>1</sup></li> </ul>   | cars, after phase-in which began in 2010 <sup>3</sup> | <ul> <li>Tire pressure monitoring system (TPMS)</li> <li>mandatory as of Jan. 2013 for all new passenger<br/>cars<sup>4</sup></li> </ul> |
| <ul> <li>Advanced emergency braking system and lane<br/>departure warning</li> <li>expected to be mandatory for all new heavy<br/>commercial vehicles and buses following the EU<br/>decision<sup>2</sup></li> </ul> |   |  |
| Other market   | s are following EU/USA on ESC and Motorcycle .        | ABS regulation   |

Electronic stability control (ESC): Australia (11/2011 for new car types, 11/2013 for all new cars), Turkey (02/2012 for new car types, 11/2014 for all new cars, 01/2015 for new heavy vehicle types, 01/2016 for all new heavy vehicles), New Zealand (07/2015 for all new cars), Malaysia (01/2016 for all new cars), Ecuador (01/2018 for new car types, 01/2020 for all new cars), and the types of types of the types of the types of types of types of the types of types of types of the types of Argentina (01/2018 for new car types, 01/2020 for all new cars), Brazil (01/2020 for new car types, 01/2022 for all new cars)

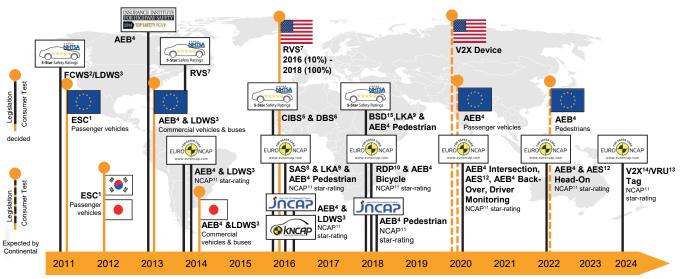
Motorcycle anti-lock brake system (ABS): Brazil (01/2016: 10% of new motorcycles > 300ccm, ramping up until 01/2019: 100% of new motorcycles > 300ccm), India (04/2018 for new motorcycle types > 125ccm, 04/2019 for all new motorcycles > 125ccm, for motorcycles ≤ 125ccm same dates apply with requirement to have either ABS or a Combined Brake System)

Source: Ministry of Land, Infrastructure, Transport and Tourism (MLIT) in Japan.
 Japan expected to adopt EU regulation. Final decision on timing pending.
 CONTRAN 3122009.
 GTBT/N/KOR/286 and MLTM Notification 2010-631 (Ministry of Land, Transport and Manitime Affairs).

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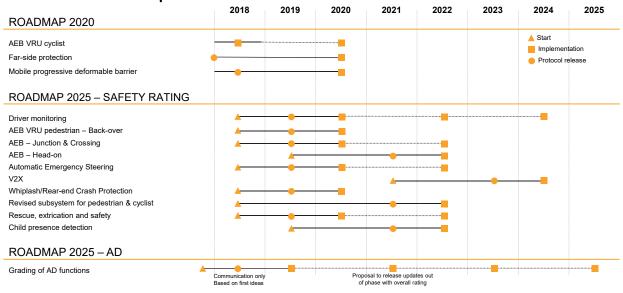
#### VIII. Chassis & Safety

#### **Global Development of Active Safety Regulations & Ratings**



<sup>1</sup> ESC = Electronic Stability Control; <sup>2</sup> FCWS = Forward Collision Warning System; <sup>3</sup> LDWS = Lane Departure Warning System; <sup>4</sup> AEB(S) = Advanced Emergency Braking System; <sup>6</sup> CIBS = Crash Imminent Braking System; <sup>9</sup> SAS = Speed Assist System; <sup>9</sup> LAA = Lane Keeping Assist; <sup>10</sup> RDP = Road Departure Protection; <sup>11</sup> NCAP = New Car Assessment Program; <sup>12</sup> AES = Advanced Emergency Steering <sup>10</sup> VPU = Vulnerable Road User; <sup>14</sup> VPX = Vehicle to everything; <sup>13</sup> BSD = Binlo Spot Detection.

# VIII. Chassis & Safety NCAP Roadmap



Source: https://cdn.euroncap.com/media/30700/euroncap-roadmap-2025-v4.pdf.

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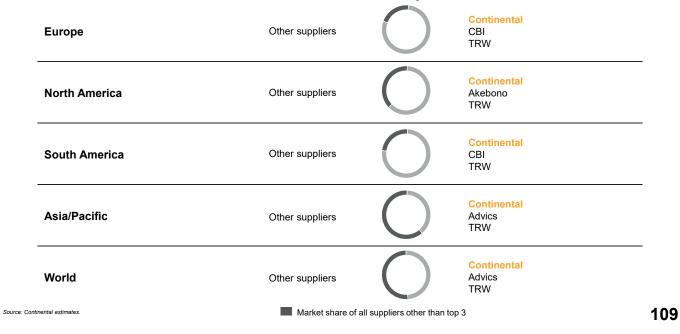
# VIII. Chassis & Safety

### Market Position Electronic Brake Systems in 2017

| Europe                         | Other suppliers   | $\bigcirc$                 | Continental<br>Bosch<br>TRW    |  |
|--------------------------------|-------------------|----------------------------|--------------------------------|--|
| North America                  | Other suppliers   | $\bigcirc$                 | Continental<br>Bosch<br>TRW    |  |
| South America                  | Other suppliers   | $\bigcirc$                 | Continental<br>Bosch<br>Mando  |  |
| Asia/Pacific                   | Other suppliers   | $\bigcirc$                 | Continental<br>Advics<br>Bosch |  |
| World                          | Other suppliers   | $\bigcirc$                 | Continental<br>Advics<br>Bosch |  |
| Source: Continental estimates. | Market share of a | all suppliers other than t | op 3                           |  |

### VIII. Chassis & Safety

# Market Position for Foundation Brake Systems in 2017

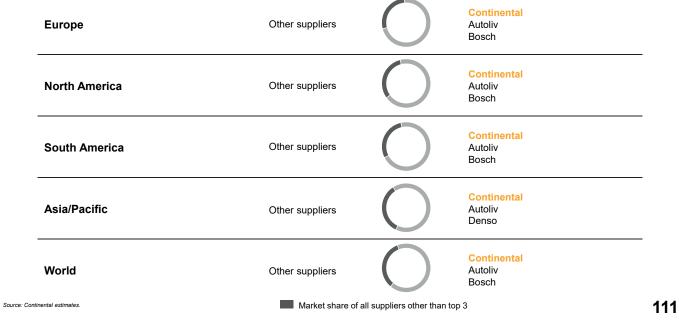


#### VIII. Chassis & Safety Market Position for Actuation in 2017

|               | Europe            | Other suppliers        | $\bigcirc$              | Continental<br>Bosch<br>TRW    |
|---------------|-------------------|------------------------|-------------------------|--------------------------------|
|               | North America     | Other suppliers        | $\bigcirc$              | Continental<br>Bosch<br>TRW    |
|               | South America     | Other suppliers        | $\bigcirc$              | Continental<br>Bosch<br>TRW    |
|               | Asia/Pacific      | Other suppliers        | $\bigcirc$              | Continental<br>Advics<br>Bosch |
|               | World             | Other suppliers        | $\bigcirc$              | Continental<br>Bosch<br>TRW    |
| Source: Conti | nental estimates. | Market share of all su | uppliers other than top | 3                              |

# VIII. Chassis & Safety





### VIII. Chassis & Safety

Market Position for Advanced Driver Assistance Systems in 2017

| Europe        | Other suppliers | $\bigcirc$ | Continental<br>Bosch<br>Valeo              |
|---------------|-----------------|------------|--|
| North America | Other suppliers | $\bigcirc$ | <mark>Continental</mark><br>Bosch<br>Magna |
| Asia          | Other suppliers | $\bigcirc$ | Continental<br>Bosch<br>Denso              |
| World         | Other suppliers | $\bigcirc$ | Continental<br>Bosch<br>Valeo              |
|               |                 |            |  |

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| IV. Sustainability at Continental            | 47  |     |
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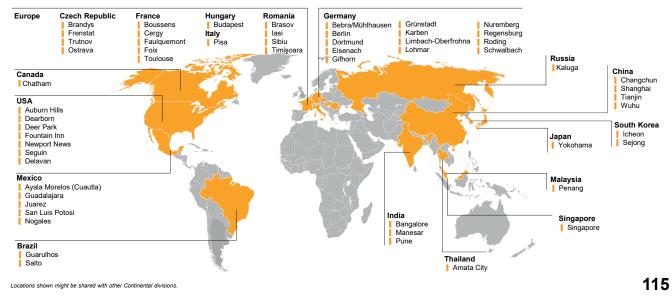
# VIII. Powertrain

# **Business Units and Key Products**

| Engine Systems  | Transmission  | Hybrid Electric<br>Vehicle | Sensors &<br>Actuators  | Fuel & Exhaust<br>Management   |  |
|---|---|----------------------------|---|--|--|
| Engine management<br>passenger cars   | Transmission control<br>units for automatic           | Power electronics          | Actuators for<br>> Thermal management                                   | Fuel delivery modules  |  |
| <ul> <li>Diesel piezo common rail injection</li> <li>Gasoline direct and port fuel</li> </ul> | transmissions<br>→ Step-AT, DCT, CVT, DHT, AMT        | Electric motors            | <ul> <li>&gt; Electric pumps</li> <li>&gt; Electric throttle</li> </ul> | Fuel level sensors   |  |
| injection Alternative fuels Exhaust gas after-treatment                                       | Transmission actuators<br>→ Clutch, gearshift         | Electric axle drive        | <ul> <li>Exhaust and emission</li> <li>General purpose</li> </ul>       | Fuel pumps   |  |
| Engine management<br>commercial vehicles  | Sensorcluster   | 48V power electronics      | Exhaust and<br>emission sensors for<br>> Exhaust gas                    | Electronics for fuel pump<br>control<br>> Standalone & flange integrated<br>Fluid level sensor with sealed<br>contact system |  |
| <ul> <li>Diesel piezo common rail injection</li> <li>Exhaust gas after-treatment</li> </ul>   | Electric transmission oil pumps                       | 48V drives                 | <ul> <li>Fluids: Oil level, fuel, UREA</li> <li>Temperature</li> </ul>  |  |  |
| Engine management<br>non-automotive   | Shift-by-wire and ePark<br>solutions                  | Battery management systems | Engine and  |  |  |
| Turbocharger<br>Electrification and<br>e-mobility<br>> On-board high voltage battery          | Micromobility electric drivetrains Pedelec drive unit | Power net systems          | transmission sensors Mass airflow Combustion Position Pressure          | Exhaust aftertreatment Catalysts and filters Electronics SCR Urea extraction unit  |  |
| charger Vireless power transfer system Electric vehicle control units                         |   |                            | Vehicle access sensors  | Water delivery module  |  |
|   |   |                            |   |  |  |

#### **VIII. Powertrain** Locations Worldwide

57 sites for production and R&D in 18 countries. Divisional headquarters in Regensburg, Germany.

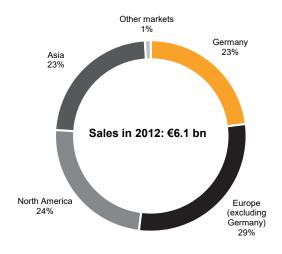


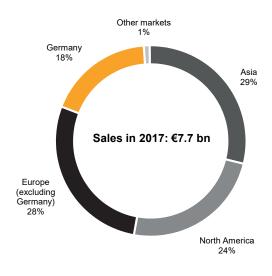
### **VIII.** Powertrain **Key Figures**

| €mn  | 2015    | 2016    | 2017    |
|--|---------|---------|---------|
| Sales                                      | 7,068.5 | 7,319.5 | 7,660.9 |
| EBITDA                                     | 730.7   | 756.2   | 854.8   |
| in % of sales                              | 10.3    | 10.3    | 11.2    |
| EBIT                                       | 395.6   | 378.0   | 439.9   |
| in % of sales                              | 5.6     | 5.2     | 5.7     |
| EBIT adjusted <sup>1</sup>                 |         | 398.1   | 473.5   |
| in % of sales <sup>1</sup>                 |         | 5.4     | 6.2     |
| Operating assets (average)                 | 2,767.8 | 3,015.8 | 3,325.6 |
| ROCE                                       | 14.3    | 12.5    | 13.2    |
| R, D & E expenses                          | 708.7   | 701.5   | 699.0   |
| in % of sales                              | 10.0    | 9.6     | 9.1     |
| Capex <sup>2</sup>                         | 468.4   | 544.4   | 653.7   |
| in % of sales                              | 6.6     | 7.4     | 8.5     |
| Depreciation and amortization <sup>3</sup> | 335.1   | 378.2   | 414.9   |
| in % of sales                              | 4.7     | 5.2     | 5.4     |
| thereof impairment <sup>4</sup>            | 0.5     | 8.3     | 18.6    |

<sup>1</sup> EBIT before amortization of intangible assets from PPA, consolidation and special effects; sales before changes in the scope of consolidation, <sup>1</sup> Capital expenditure on property, plant and equipment, and software. Excluding impriment on financial investments. Impairment also includes necessary reversals of impairment losses.

### VIII. Powertrain Sales by Market





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#### **VIII. Powertrain** Initiatives in EU, USA and Japan – Targeting Lower CO<sub>2</sub> Emissions

#### EU<sup>1</sup>

EU vehicle CO<sub>2</sub> emissions targets are enacted: > Average CO<sub>2</sub> emission target for new

passenger car registrations:

> 130 g/km\* (2015-2019)

> 95 g/km from 2020<sup>2</sup> onwards > Average CO<sub>2</sub> emission target for new light

commercial vehicle registrations:

> 175 g/km (2017-2019)

> 147 g/km from 2020 onwards

> Excess emissions premium for non compliance with fleet targets is defined

> For PCs and LCVs further reductions of 15%/30% are proposed for 2025/2030<sup>3</sup> Test cycle: NEDC (New European Driving Cycle) \* Gram per kilometer

USA<sup>4,5</sup>

Enacted CAFE<sup>6</sup> regulation defines fuel economy standards for vehicles:

> For passenger cars and light trucks combined, CAFE<sup>6</sup> targets to improve overall fleet average to:

35.5 mpg\* by 2016 >54.5 mpg\* by 2025

> CAFE<sup>6</sup> mandates annual fuel economy improvements

> For non compliance with CAFE<sup>6</sup> targets penalties are defined

Test cycle: Federal test procedure/Highway Fuel Economy Test) \* Miles per gallon.

#### Japan<sup>7</sup>

ECCJ<sup>8</sup> aims to improve fuel efficiency standards by 23.5% 2015 vs. 2004:

> For passenger cars, the aim is to increase average fuel efficiency to: > 20.3 km/l by 2020 (JC08/WLTC)

> For light commercial vehicles (GVW <3.5t), the aim is to increase average fuel efficiency to: 17.9 km/l by 2020 (JC08/WLTC)

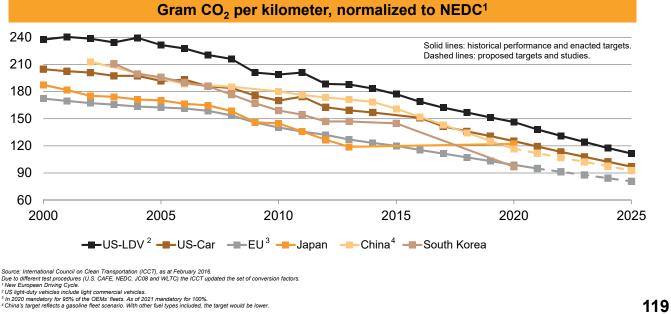
> For medium / heavy-duty vehicles (GVW>3.5t), proposed new fuel efficiency standard9:

> > Trucks: 7.63 km/l by 2025 Buses: 6.52 km/l by 2025

#### Emerging markets likely to follow Europe/USA/Japan on fuel efficiency standards

<sup>1</sup> Regulations (EC) No. 443/2009 and (EU) No. 510/2011. <sup>2</sup> 2020: 95% of fleet; 2021: 100% of fleet. <sup>3</sup> https://ec.europa.eu/clima/policies/transport/vehicles/proposal\_en. <sup>4</sup> US Federal Register (May 7th, 2010): Light-Duty Vehicle Greenhouse 'Gas Emission' Standards and Corporate Average Fuel Economy Standards; Final Rule. <sup>6</sup> US Federal Register (Cot. 15th, 2012): 2017 and Later Model Year Light-Duty Vehicle Greenhouse Gas Emissions and Corporate Average Fuel Economy Standards; Final Rule.

<sup>6</sup> CAFE: Corporate Average Fuel Economy. 7 Refers to 'Act on the Rational USe of Energy's of the Ministry of Economics, Trade and Industry (METI), Ministry of Land, Infrastructure, Transport and Tourism (MLIT). \*ECU: Energy Conservation Center Japan. \*Intp://www.metic.goj.jeengistrybress/2017/121z\_001.html.



#### **VIII.** Powertrain

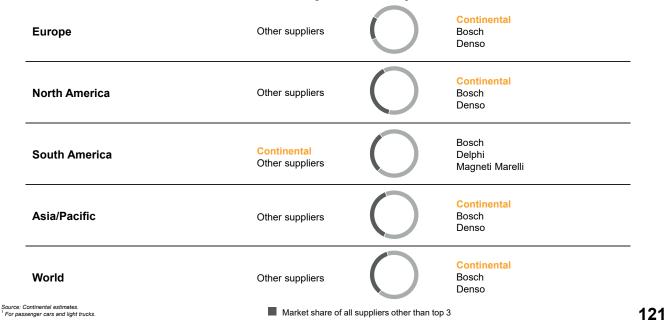
Initiatives for Cleaner Mobility in Various Markets

# **VIII.** Powertrain Market Position for Diesel Injection Systems<sup>1</sup> in 2017

| Europe       | Other suppliers                | $\bigcirc$ | <mark>Continental</mark><br>Bosch<br>Delphi |
|--------------|--------------------------------|------------|---|
| Asia/Pacific | Continental<br>Other suppliers | $\bigcirc$ | Bosch<br>Delphi<br>Denso                    |
| World        | Continental<br>Other suppliers | $\bigcirc$ | Bosch<br>Delphi<br>Denso                    |

### **VIII. Powertrain**

# Market Position for Gasoline Injection Systems<sup>1</sup> in 2017



### **VIII. Powertrain**

# Market Position for Transmission Control Units<sup>1</sup> in 2017

| Europe        | Other suppliers | $\bigcirc$ | Continental<br>Aisin<br>Bosch                |
|---------------|-----------------|------------|--|
| North America | Other suppliers | $\bigcirc$ | <mark>Continental</mark><br>Bosch<br>Hitachi |
| Asia/Pacific  | Other suppliers | $\bigcirc$ | <mark>Continental</mark><br>Denso<br>Hitachi |
| World         | Other suppliers | $\bigcirc$ | Continental<br>Bosch<br>Denso                |
|               |                 |            |  |

# **Topics**

| I. Continental at a Glance                 | 3   |
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| III. Automotive Trends                     | 26  |
| IV. Sustainability at Continental          | 47  |
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| VIII. Automotive Group – Interior Division | 124 |
| IX. Rubber Group                           | 135 |
| X. Share and Bond Information              | 171 |
| XI. Glossary                               | 181 |
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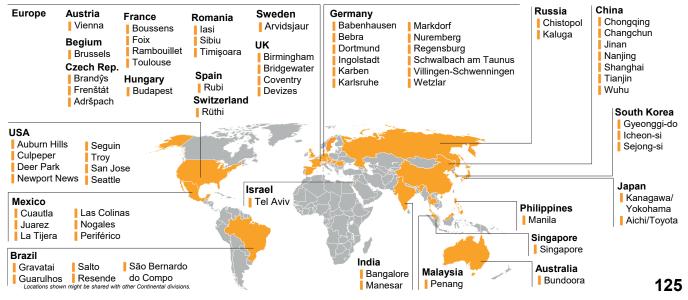
# **VIII. Interior**

# **Business Units and Key Products**

| Instrumentation & Driver HMI | Infotainment & Connectivity | Intelligent<br>Transportation<br>Systems | Body & Security   | Commercial<br>Vehicles &<br>Aftermarket  |  |
|------------------------------|-----------------------------|--|---|--|--|
| > Instrument clusters        | > Radios                    | > Key as a service                       | Body control modules  | > Fleet management   |  |
| Full digital clusters        | > Infotainment              | _ → In-car data as a service             | Access control systems  | services   |  |
| Integrated Interior          |                             |  | <ul> <li>Tachographs, telematics<br/>and services</li> </ul>                          |  |  |
| Platform                     |                             |  | > Door control units  |  |  |
| Display solutions            | Software and                | City data as a service                   | > Intelligent glass control   | <ul> <li>Visual and haptic human-<br/>machine interface</li> </ul>                     |  |
| Head-up displays             | connected solutions         |  | > Seat comfort systems  | > Chassis, body, and   |  |
| > Haptic controls            | -                           |  | > Tire information systems  | transmission electronics   |  |
| > Interior cameras           | -                           |  | > Gateways  | > Spare parts, wear parts,   |  |
|                              |                             |  | > Power stabilization   | tools, services, and multi-<br>brand vehicle diagnostics<br>for the independent after- |  |
|                              |                             |  | > Lighting control units  |  |  |
|                              |                             |  | <ul> <li>Intelligent antenna<br/>modules</li> <li>Smart device integration</li> </ul> | market, as well as<br>diagnostics and services<br>for vehicle manufacturers            |  |
|                              |                             |  |   | <ul> <li>Original equipment<br/>services</li> </ul>                                    |  |
|                              |                             |  |   | 📻 讔 💓 12   |  |

### **VIII. Interior** Locations Worldwide

78 sites for production and R&D in 25 countries. Divisional headquarters in Regensburg, Germany.

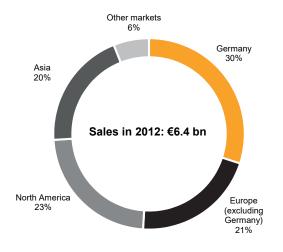


#### **VIII. Interior Key Figures**

| €mn  | 2015    | 2016    | 2017    |
|--|---------|---------|---------|
| Sales                                      | 8,154.8 | 8,324.7 | 9,305.2 |
| EBITDA                                     | 1,082.2 | 904.2   | 1,140.0 |
| in % of sales                              | 13.3    | 10.9    | 12.3    |
| EBIT                                       | 804.5   | 567.8   | 749.2   |
| in % of sales                              | 9.9     | 6.8     | 8.1     |
| EBIT adjusted <sup>1</sup>                 |         | 632.7   | 850.5   |
| in % of sales <sup>1</sup>                 |         | 7.6     | 9.2     |
| Operating assets (average)                 | 4,192.0 | 4,513.8 | 5,028.9 |
| ROCE                                       | 19.2    | 12.6    | 14.9    |
| R, D & E expenses                          | 697.3   | 956.0   | 1,062.7 |
| in % of sales                              | 8.6     | 11.5    | 11.4    |
| Capex <sup>2</sup>                         | 336.0   | 428.9   | 453.3   |
| in % of sales                              | 4.1     | 5.2     | 4.9     |
| Depreciation and amortization <sup>3</sup> | 277.7   | 336.4   | 390.8   |
| in % of sales                              | 3.4     | 4.0     | 4.2     |
| thereof impairment <sup>4</sup>            | 0.3     | 11.6    | 18.2    |

<sup>1</sup> EBIT before amortization of intangible assets from PPA, consolidation and special effects; sales before changes in the scope of consolidation. <sup>2</sup> Capital expenditure on property, plant and equipment, and software. <sup>2</sup> Excluding imperment on financial investments. <sup>4</sup> Impairment also includes necessary reversals of impairment losses.

#### VIII. Interior Sales by Market





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# VIII. Interior

# Examples of Market-Specific Initiatives and Projects



#### **Holistic Connectivity**

- Connectivity (telematics, IAM, connected gateways)
- High speed connection (5G solutions)
- > Infotainment (multimedia)
- > Digital tachographs (DTCO)
- > Cyber security (Argus)
- > Systems integration (E2E)

Several initiatives at e.g.:

) ITS = Intelligent Transportation Systems. ERTICO = European road transport telematics implementation coordination organisation. O rogoing programs and field tests in Asia, America and Europe, e.g. Japan, Singapore, Germany, France.



- Information systems (Integrated Interior Platform)
- Cutting edge HMI (FDC, Augmented Reality HUD)
- Assist and warning functions (Digital companion)

IAM = Intelligent Antenna Module HMI = Human Machine Interface. FDC = Full Digital Cluster.



- Fleet services (TIS Web, Zonar)
- Map/road services (eHorizon)
- > Key as a service (OTA keys)
- Smart city (Quantum Inventions)
- Service backend (Continental.cloud)

E2E = End to End. OTA = Over The Air. HUD = Head-Up Display.

# **VIII. Interior** VDA Agreement – Data Usage Categories

| Category 1   | Category 2   | Category 3a  | Category 3b  | Category 4   |
|--|--|--|--|--|
| Data for improved<br>traffic safety  | Data for cross brand service   | Data for brand<br>specific services                        | Data for component<br>analysis and product<br>improvement                  | Personal Data  |
| Traffic safety relevant<br>data  | None differentiating<br>vehicle data                                 | Vehicle data<br>differentiating and IP<br>relevant for OEM | Vehicle data<br>differentiating and IP<br>relevant for OEM and<br>supplier | "Right of access"<br>granted only to the<br>parties authorized to<br>process data by law,<br>contract or consent |
| Data for e.g. public<br>traffic management<br>institutions   | Non-discriminatory<br>data access to third<br>parties <sup>2,3</sup> | OEM or Partner on<br>OEMs behalf                           | OEM or Partner on<br>OEMs behalf   | Customer selected partner  |
| Fire Department,<br>Police, 911…   | Product  | Dealer, Subsidiary   | Product  | Customer   |
| The customer <sup>1</sup> will be informed of data usage and OEMs will provide the customer with decision options which the customer can reserve at any time, unless the function is required by law |  |  |  |  |

options which the customer can reserve at any time, unless the function is required by law.

<sup>1</sup> The term customer is used uniformly and is to be interpreted broadly. Depending on the context, it comparises drivers, owners and users. Participation and technical adaption of the vehicle cannot be demanded of the OEM. <sup>3</sup> The guiding projeks are to be observed when using the defined data interface. Use of the interface incorporates rights and obligations.

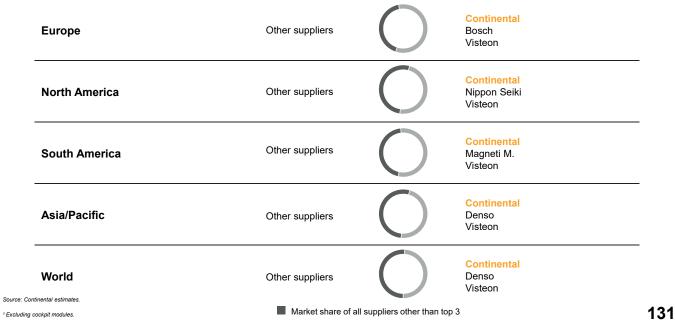
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## **VIII. Interior** Market Position for Body & Security in 2017

|               | Europe            | Other suppliers        | $\bigcirc$               | Continental<br>Hella<br>Valeo                |
|---------------|-------------------|------------------------|--------------------------|--|
|               | North America     | Other suppliers        | $\bigcirc$               | <mark>Continental</mark><br>Denso<br>Sensata |
|               | South America     | Other suppliers        | $\bigcirc$               | Continental<br>Bosch<br>Denso                |
|               | Asia/Pacific      | Other suppliers        | $\bigcirc$               | Continental<br>Bosch<br>Denso                |
|               | World             | Other suppliers        | $\bigcirc$               | Continental<br>Bosch<br>Denso                |
| Source: Conti | nental estimates. | Market share of all su | opliers other than top 3 |  |

#### **VIII. Interior**

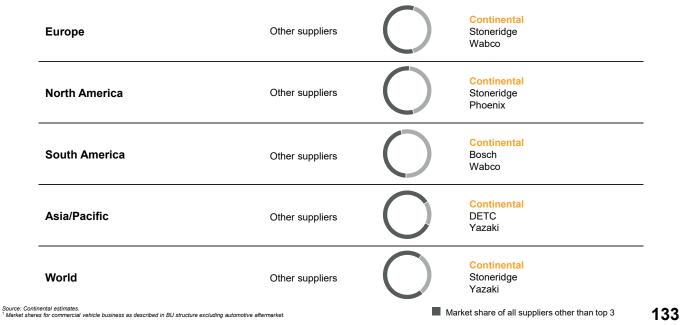
# Market Position for Instrumentation & Driver HMI<sup>1</sup> in 2017



### VIII. Interior Market Position for Infotainment & Connectivity in 2017

|               | Europe            | Other suppliers                | $\bigcirc$               | Continental<br>Harman<br>LG                     |
|---------------|-------------------|--------------------------------|--------------------------|---|
|               | North America     | Continental<br>Other suppliers | $\bigcirc$               | Bosch<br>Harman<br>Panasonic                    |
|               | South America     | Other suppliers                | $\bigcirc$               | <mark>Continental</mark><br>Alpine<br>Harman    |
|               | Asia/Pacific      | Continental<br>Other suppliers | $\bigcirc$               | Harman<br>Mobis<br>Panasonic                    |
|               | World             | Other suppliers                | $\bigcirc$               | <mark>Continental</mark><br>Harman<br>Panasonic |
| Source: Conti | nental estimates. | Market share of all su         | ppliers other than top 3 | 3   |

#### VIII. Interior Market Position for Commercial Vehicles<sup>1</sup> in 2017



## **Topics**

| I. Conti    | nental at a Glance       | 3   |     |
|-------------|--------------------------|-----|-----|
| II. Conti   | nental Strategy          | 15  |     |
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| IV. Susta   | inability at Continental | 47  |     |
| V. Corpo    | orate Governance         | 64  |     |
| VI. Conti   | nental Corporation       | 70  |     |
| VII. Marke  | et Data                  | 79  |     |
| VIII. Autor | notive Group             | 91  |     |
| IX. Rubb    | er Group                 | 135 |     |
| X. Share    | and Bond Information     | 171 |     |
| XI. Gloss   | ary                      | 181 |     |
|             |                          |     | 134 |

#### **IX. Rubber Group Key Figures**

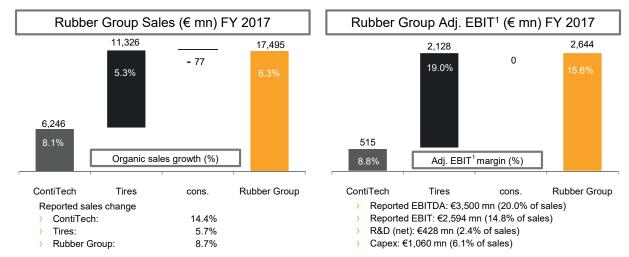
| €mn  | 2015     | 2016     | 2017     |
|--|----------|----------|----------|
| Sales                                      | 15,704.6 | 16,097.6 | 17,494.7 |
| EBITDA                                     | 3,181.5  | 3,559.6  | 3,499.6  |
| in % of sales                              | 20.3     | 22.1     | 20.0     |
| EBIT                                       | 2,255.8  | 2,688.6  | 2,593.5  |
| in % of sales                              | 14.4     | 16.7     | 14.8     |
| EBIT adjusted <sup>1</sup>                 |          | 2,815.8  | 2,643.6  |
| in % of sales <sup>1</sup>                 |          | 17.5     | 15.6     |
| Operating assets (average)                 | 8,556.6  | 8,561.4  | 9,325.1  |
| ROCE                                       | 26.4     | 31.4     | 27.8     |
| R, D & E expenses                          | 352.4    | 380.6    | 428.2    |
| in % of sales                              | 2.2      | 2.4      | 2.4      |
| Capex <sup>2</sup>                         | 903.4    | 1,094.1  | 1,060.2  |
| in % of sales                              | 5.8      | 6.8      | 6.1      |
| Depreciation and amortization <sup>3</sup> | 925.7    | 871.0    | 906.1    |
| in % of sales                              | 5.9      | 5.4      | 5.2      |
| thereof impairment <sup>4</sup>            | 92.9     | 37.2     | 2.9      |

<sup>1</sup> EBIT before amortization of intangible assets from PPA, consolidation and special effects; sales before changes in the scope of consolidation. <sup>2</sup> Capital expenditure on property, plant and equipment, and software. <sup>2</sup> Excluding imperment on financial investments. <sup>4</sup> Impairment also includes necessary reversals of impairment losses.

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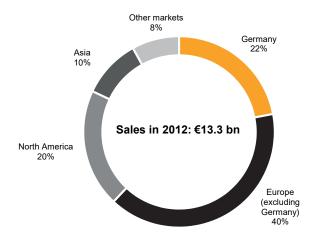
#### **IX. Rubber Group**

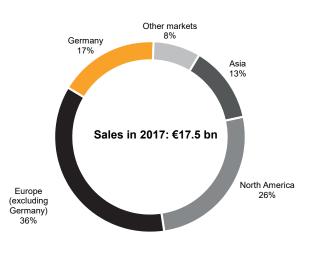
#### Sales and Adjusted EBIT<sup>1</sup> by Division



<sup>1</sup> Before amortization of intangibles from PPA, consolidation and special effects

IX. Rubber Group Sales by Market

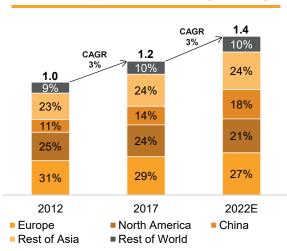




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#### IX. Rubber Group Growth Opportunities – Demand for PC&LT Replacement Tires

- Global replacement tire market to continue to grow with a CAGR of 3% from 2017 to 2022E
- Europe to stay the largest replacement tire market by volume; CAGR expected to stay at 2% from 2017 to 2022E
- North America expected to expand at a slightly lower pace of 1% from 2017 to 2022E (vs. 2% from 2012 to 2017)
- China expected to show a CAGR of ~10% from 2017 to 2022E (vs. 8% from 2012 to 2017)

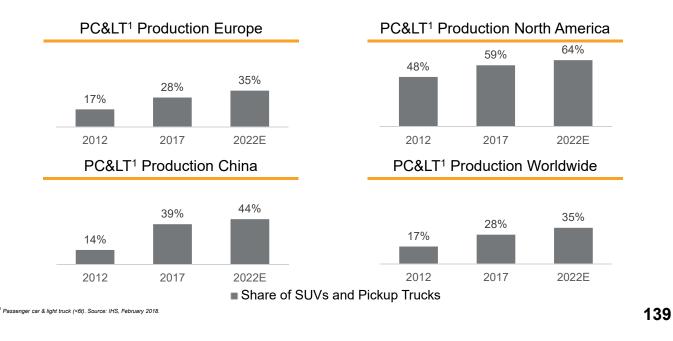


PC&LT<sup>1</sup> Replacement Tires (bn units)

Source: LMC, December 2017. <sup>1</sup> Passenger car & light truck (<6t)

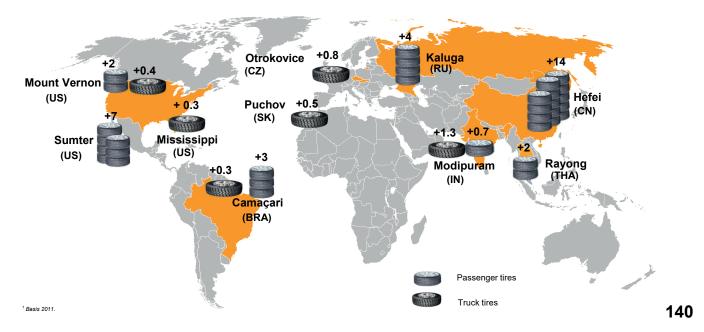
#### **IX. Rubber Group**

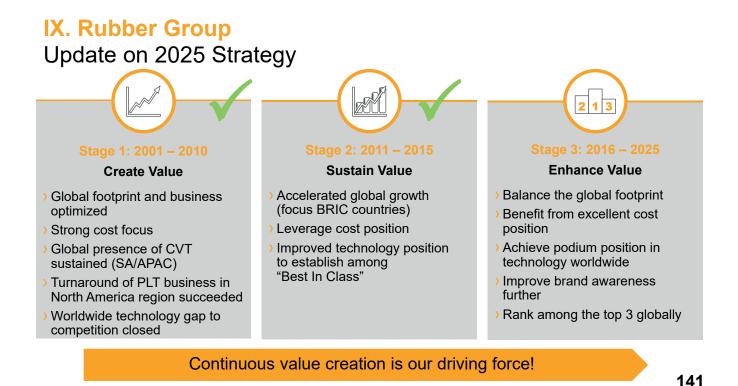
Growth Opportunities – Improving Tire Mix due to Rising SUV & Pickup Share



#### **IX. Rubber Group**

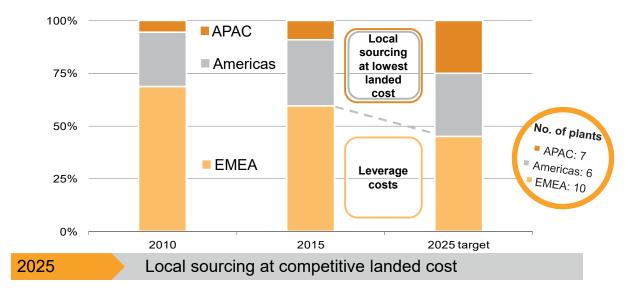
Additional Tire Production Capacity of around 37mn<sup>1</sup> Units by 2020/21

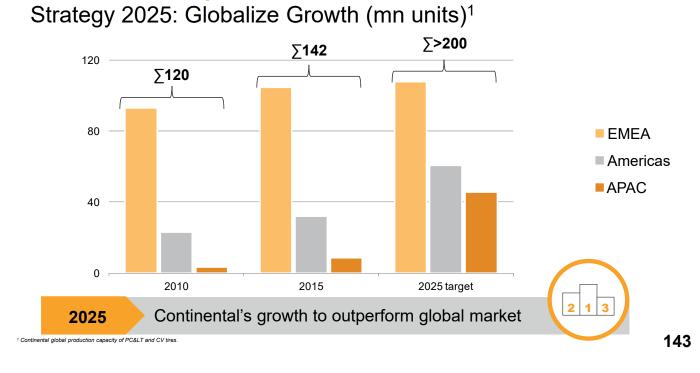




#### **IX. Rubber Group**

#### **Balanced Global Manufacturing Footprint**

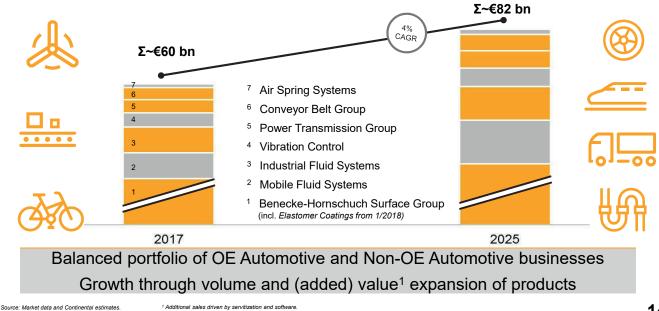




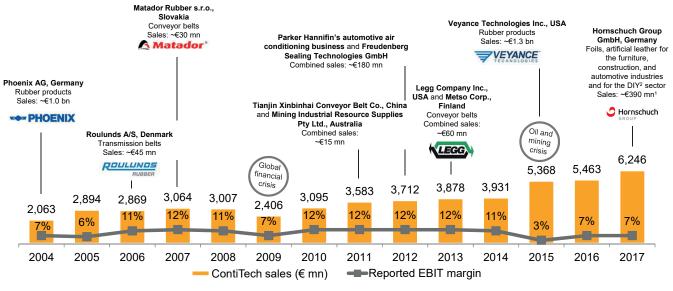
### IX. Rubber Group

IX. Rubber Group

Relevant Market and Growth Opportunities for ContiTech Products



# IX. Rubber Group Strong Track Record of Acquiring and Integrating Operations



All sales of acquisitions shown are pro forma sales in the year of the acquisition. 1 Incorporated starting March 1, 2017. 2 Do It Yourself.

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# Topics

| П.    | Continental at a Glance       | 3   |    |
|-------|-------------------------------|-----|----|
| 11.   | Continental Strategy          | 15  |    |
| 111.  | Automotive Trends             | 26  |    |
| IV.   | Sustainability at Continental | 47  |    |
| V.    | Corporate Governance          | 64  |    |
| VI.   | Continental Corporation       | 70  |    |
| VII.  | Market Data                   | 79  |    |
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| Χ.    | Share and Bond Information    | 171 |    |
| XI.   | Glossary                      | 181 |    |
|       |                               |     | 14 |

#### IX. Tires **Business Units and Tire Brands**

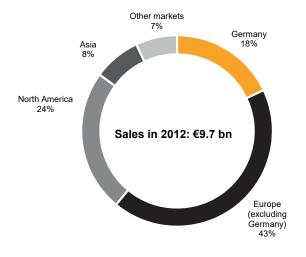
| PLT<br>Original<br>Equipment  | PLT<br>Replacement<br>EMEA   | PLT<br>Replacement<br>The Americas   | PLT<br>Replacement<br>APAC  | CVT<br>Truck Tires<br>EMEA                                     | CVT<br>Truck Tires<br>The Americas | CVT<br>Truck Tires<br>APAC   | CVT<br>Commercial<br>Specialty Tires  | Two Wheel<br>Tires                                    |
|---|------------------------------|--|---|--|------------------------------------|--|---|---|
| > 4x4 an  | d SUVs                       | and full-size ca   |   | Tires, services a<br>segments:<br>Goods<br>People<br>Construct | and solutions fo                   | r customer   | Tires, services<br>and solutions<br>for the app-<br>lications:<br>Material<br>handling,<br>Agriculture and<br>Earthmoving | Tires and<br>tubes for<br>Bicycles and<br>Motorcycles |
|   |                              |  | 0   |  |                                    | <b>B</b>   | 0   | $\land \emptyset$                                     |
| <b>Ontinental</b>   | <b>(</b> Intinental <b>)</b> | @ntinental 3   | @ntinental 🔧  | @ntinental 🕉   | <b>O</b> ntinental <b>5</b>        | <b>Ontinental</b>  | <b>O</b> ntinental <b>5</b>   | @ntinental <b>☆</b>                                   |
| Barran O<br>Ext. mobility<br>systems:<br>> SSR<br>> Minispares<br>> Conti<br>Mability/fit | Barum ©<br>Matador           | GENERAL TIRE &<br>Euzkodi<br>SEMPERIT &<br>Barum &<br>SEMPERIT &<br>Racing | GENERAL TIRE \$2<br>SVIKING 34<br>Gislaved<br>DUNILOP<br>SIMEX<br>Matador | GENERAL TIRE &<br>SEMPERIT &<br>UNIRGYAL<br>Barum @<br>Matador | GENERAL TIRE                       | GENERAL TIRE SEMPERIT S  | GENERAL TIRE S<br>BCJALIM<br>SIMEX<br>NOVIOLA<br>ASTRUM blue  | DUNLOF 3  |
| MobilityKit ContiSeal ContiSilent   | e MABOR                      | Tires only:  |   |  | 2 Or<br>3 Tr                       | <ul> <li>Segmentation into Premiu<br/>ccept North America, Colombia<br/>nly in Australia and Taiwan.<br/>ademark rights for Malaysia, S<br/>nly in Australia, China, Malaysia</li> </ul> | a, Peru.<br>Singapore and Brunei.   | 147   |

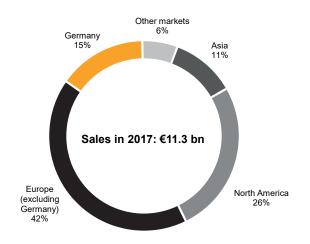
# IX. Tires **Key Figures**

| €mn  | 2015     | 2016     | 2017     |
|--|----------|----------|----------|
| Sales                                      | 10,408.8 | 10,717.4 | 11,325.8 |
| EBITDA                                     | 2,604.3  | 2,828.7  | 2,748.7  |
| in % of sales                              | 25.0     | 26.4     | 24.3     |
| EBIT                                       | 2,085.2  | 2,289.4  | 2,151.3  |
| in % of sales                              | 20.0     | 21.4     | 19.0     |
| EBIT adjusted <sup>1</sup>                 |          | 2,296.6  | 2,128.2  |
| in % of sales <sup>1</sup>                 |          | 21.4     | 19.0     |
| Operating assets (average)                 | 5,322.2  | 5,612.7  | 6,143.0  |
| ROCE                                       | 39.2     | 40.8     | 35.0     |
| R, D & E expenses                          | 244.9    | 260.9    | 289.8    |
| in % of sales                              | 2.4      | 2.4      | 2.6      |
| Capex <sup>2</sup>                         | 658.2    | 882.1    | 847.0    |
| in % of sales                              | 6.3      | 8.2      | 7.5      |
| Depreciation and amortization <sup>3</sup> | 519.1    | 539.3    | 597.4    |
| in % of sales                              | 5.0      | 5.0      | 5.3      |
| thereof impairment <sup>4</sup>            | 6.8      | 0.2      | 0.5      |

<sup>1</sup> EBIT before amortization of intangible assets from PPA, consolidation and special effects; sales before changes in the scope of consolidation. <sup>2</sup> Capital expenditure on property, plant and equipment, and software. <sup>3</sup> Excluding impairment on financial investments. <sup>4</sup> Impairment also includes necessary reversals of impairment losses.

#### IX. Tires Sales by Market





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#### IX. Tires Winter Tire Regulations<sup>1</sup>



Source: Continental AG and websites of country ministries, automobile associations and ETRMA (European Tyre and Rubber Manufacturers' Association).
 <sup>2</sup> Mud + snow. The M+S marking is given by the manufacturer and is not linked to a performance definition.

#### **IX.** Tires

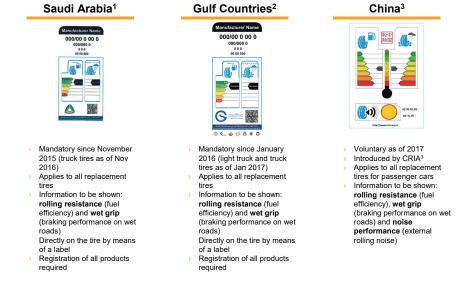
Tire Labeling Initiatives in Europe, USA, Japan, South Korea and Brazil

| EU <sup>1</sup>  | USA <sup>2</sup>   | Japan <sup>3</sup>   | South Korea <sup>₄</sup>  | Brazil⁵   |
|--|--|--|---|---|
|  |  | a b c d  |   |   |
| <ul> <li>Mandatory since November 2012</li> <li>Applies to all tires sold</li> <li>Information to be shown:<br/>rolling resistance<br/>(fuel efficiency),<br/>wet grip (braking performance<br/>on wet roads) and noise<br/>performance (external rolling<br/>noise). Either directly on the<br/>tire by means of a label or in<br/>some other way</li> <li>Self-certification policy</li> <li>EU member states are<br/>responsible for market<br/>surveillance</li> </ul> | <ul> <li>Final decision pending</li> <li>The NHTSA Tire Fuel<br/>Efficiency Consumer<br/>Information Program proposes<br/>to inform consumers about the<br/>effect of fires on fuel<br/>efficiency, safety, and<br/>durability</li> <li>The program aims to<br/>implement a national tire fuel<br/>efficiency rating system for<br/>replacement tires, with the<br/>information provided to<br/>consumers at the point of sale<br/>and online</li> </ul> | <ul> <li>&gt; Voluntary since 2010</li> <li>&gt; Introduced by JATMA<sup>3</sup></li> <li>&gt; Applies to replacement<br/>summer tires for passenger<br/>cars; includes information on<br/>rolling resistance and wet<br/>grip performance</li> <li>&gt; Tires with a grading of A and<br/>above for rolling resistance<br/>performance are defined as<br/>"fuel efficient tires" and are<br/>marked with an additional<br/>symbol (the lower of the<br/>symbols above)</li> </ul> | <ul> <li>Mandatory since November 2012</li> <li>Introduced by MKE<sup>4</sup></li> <li>Applies to all tires sold in South Korea (OE and replacement) for passenger cars and light rucks; includes information on rolling resistance and wet grip performance</li> <li>The label has to be attached to the tread of each tire; for OE tires the information has to be provided in the car manual</li> <li>Registration of all products required</li> </ul> | <ul> <li>Available as of April 2015</li> <li>Mandatory as of<br/>October 2016</li> <li>Introduced by INMETRO<sup>5</sup></li> <li>Applies to all tires sold (with<br/>certain exceptions). Includes<br/>information on rolling<br/>resistance, wet grip and<br/>noise performance</li> <li>Certification to be carried out<br/>by a product certification body<br/>accredited by INMETRO</li> </ul> |

Regulation (EC) No.1222/2009 of the European Parliament and of the Council and Commission Regulations (EU) No. 228/2011 and (EU) No.1235/2011. Also implemented in Norway, Switzerland, Turkey, Israel.
 <sup>2</sup> Source: Japan Automobile Tyre Manufacturers Association (JATMA).
 <sup>3</sup> Source: Automobile Tyre Manufacturers Association (JATMA).
 <sup>4</sup> Source: National Highway Traffic Safety Administration (NHTSA).
 <sup>5</sup> Source: National Institute of Metrology, Quality and Technology (INIMETRO).

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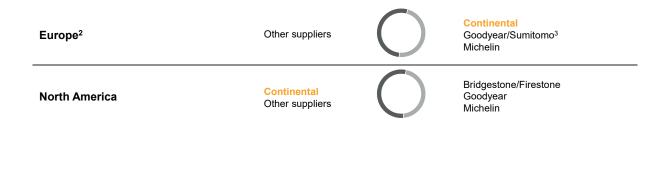
#### **IX.** Tires Tire Labeling Initiatives in Gulf Countries and China



Source: <sup>1</sup> Saudi Standards, Metrology and Quality Organization Standard 2857/2015, SASO. <sup>3</sup> Standardization Organization of the Gulf Cooperation Council Countries, GSO. <sup>3</sup> Chinese Rubber Industry Association (CRIA).

# IX. Passenger and Light Truck Tires

#### Market Share for Passenger and Light Truck Tires<sup>1</sup> in 2017



Source: Continental estimates. <sup>1</sup> Replacement. <sup>2</sup> Western and Central Europe including Turkey. <sup>3</sup> Dissolving of alliance in October 2015.

Market share of all suppliers other than top 3

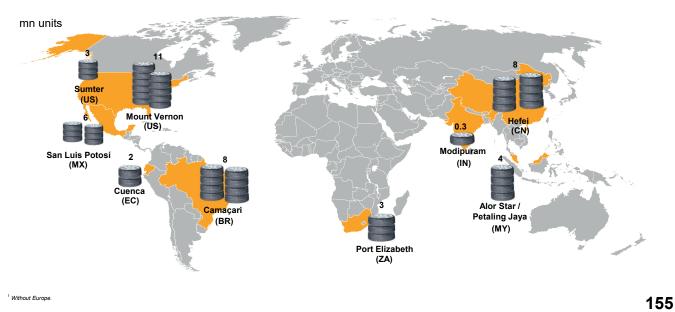
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#### IX. Commercial Vehicle Tires Market Share for Truck Tires<sup>1</sup> in 2017

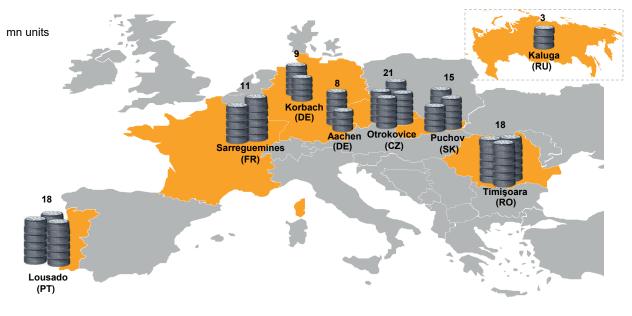


Source: Continental estimates. <sup>1</sup> Replacement. <sup>2</sup> Western and Central Europe including Turkey. <sup>3</sup> Dissolving of alliance in October 2015.

#### IX. Passenger and Light Truck Tires Continental Worldwide PLT Production in 2017<sup>1</sup>

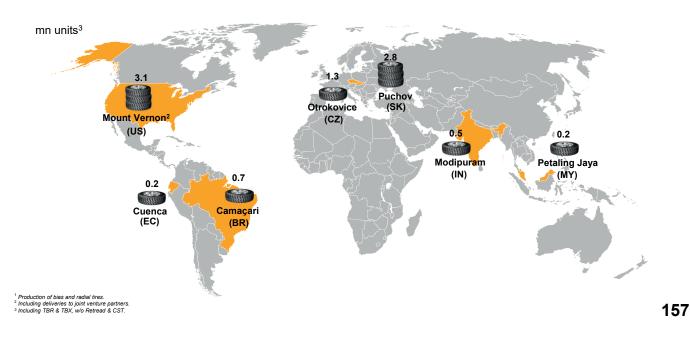


#### IX. Passenger and Light Truck Tires Continental European PLT Production in 2017



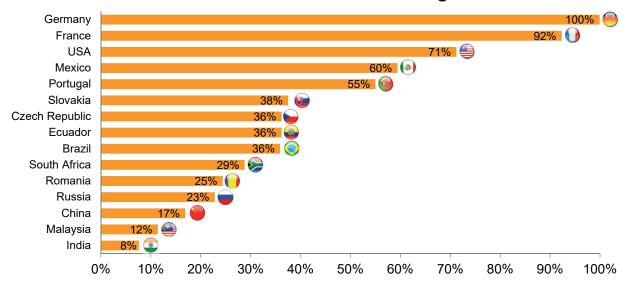
#### **IX. Commercial Vehicle Tires**

Continental Worldwide Truck Tire Production<sup>1</sup> in 2017



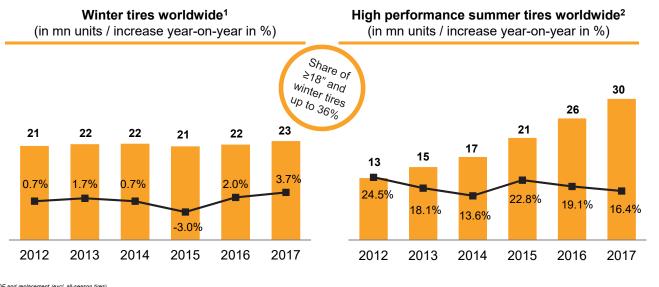
#### **IX. Commercial Vehicle Tires**

Cost of Labor at Continental Manufacturing Sites<sup>1</sup>



Based on average currency exchange rates in 2017.

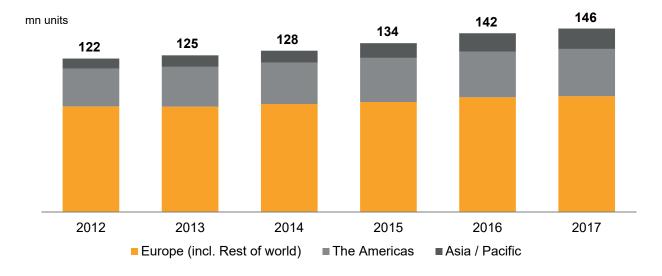
#### IX. Passenger and Light Truck Tires Product Mix Improvement



<sup>1</sup> OE and replacement (excl. all-season tires).
<sup>2</sup> All summer tires and all-season tires with rim sizes of at least 18 inches.

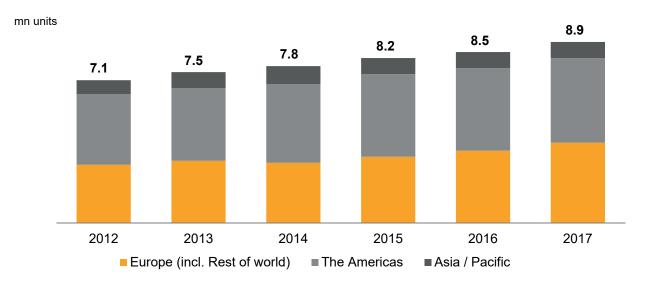
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#### **IX. Passenger and Light Truck Tires** Unit Sales 2012 – 2017



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#### **IX. Commercial Vehicle Tires** Unit Sales 2012 – 2017



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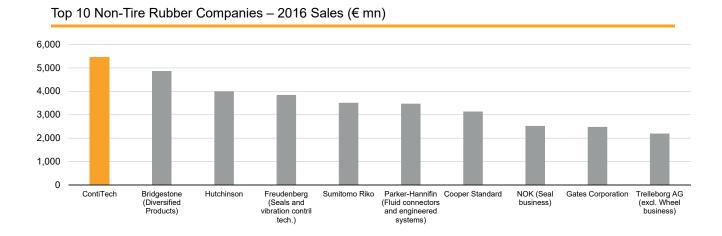
## **Topics**

| П.    | Continental at a Glance           | 3   |     |
|-------|-----------------------------------|-----|-----|
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| 111.  | Automotive Trends                 | 26  |     |
| IV.   | Sustainability at Continental     | 47  |     |
| V.    | Corporate Governance              | 64  |     |
| VI.   | Continental Corporation           | 70  |     |
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| VIII. | Automotive Group                  | 91  |     |
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#### IX. ContiTech **Business Units and Key Products** Air Spring Systems Benecke-Hornschuch Compounding Technology<sup>1</sup> Conveyor Belt Group Elastomer Coatings<sup>2</sup> Surface Group 3 Steel cord and textile Compounds Coated fabrics Air suspensions for bus Surface materials for conveyor belts trucks and rail vehicle automotive interior trim Compound development Printing blankets/ -forms Conveying services Air actuators for Surface materials for Diaphragms /-materials **Testing services** Special conveyor belts pneumatics and vibration decorative & technical Gasholder diaphragms isolation applications PVC light belts Collapsible fuel tanks Expansion joints Service material and Collapsible tanks components Concertina walls Rubber tracks Power Transmission Group Industrial Fluid Solutions Mobile Fluid Systems Vibration Control 0 Industrial and foodstuff Vehicle hose lines for Rubber-to-metal bonded V-belts hoses products Exhaust and fuel systems Multiple V-ribbed belts On- and offshore hoses Hydromounts Powertrain Timing belts Mount systems > Fittings Air conditioning Flat belts Precision molded parts Heating / cooling systems Belt drive systems Blow molded parts Drive systems for eBikes Steering and chassis From 2018 reorganized as central function. From 2018 combined with Benecke-Hornschuch Surface Group. and pedelecs Plastic parts Turbocharger

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## IX. ContiTech Forming a Global Player in Rubber and Plastics Technologies



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#### IX. ContiTech Sales Distribution 2017

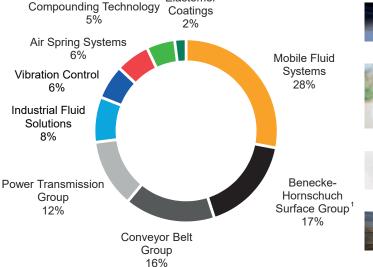












Elastomer





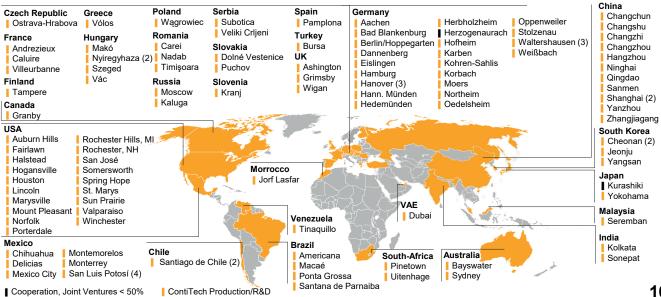


<sup>1</sup> Renamed from Benecke-Kaliko Group in June 2017.

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#### IX. ContiTech Locations Worldwide

108 sites for production and R&D in 30 countries. Divisional headquarters in Hanover, Germany.



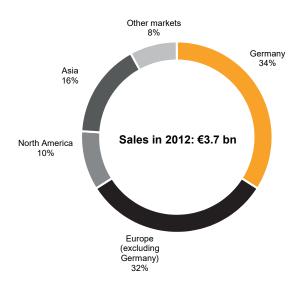
#### **IX. ContiTech Key Figures**

| € mn                                       | 2015    | 2016    | 2017    |
|--|---------|---------|---------|
| Sales                                      | 5,367.8 | 5,462.5 | 6,246.4 |
| EBITDA                                     | 577.2   | 730.9   | 750.9   |
| in % of sales                              | 10.8    | 13.4    | 12.0    |
| EBIT                                       | 170.6   | 399.2   | 442.2   |
| in % of sales                              | 3.2     | 7.3     | 7.1     |
| EBIT adjusted <sup>1</sup>                 |         | 519.2   | 515.4   |
| in % of sales <sup>1</sup>                 |         | 9.5     | 8.8     |
| Operating assets (average)                 | 3,234.4 | 2,948.7 | 3,182.1 |
| ROCE                                       | 5.3     | 13.5    | 13.9    |
| R, D & E expenses                          | 107.5   | 119.7   | 138.4   |
| in % of sales                              | 2.0     | 2.2     | 2.2     |
| Capex <sup>2</sup>                         | 245.2   | 212.0   | 213.2   |
| in % of sales                              | 4.6     | 3.9     | 3.4     |
| Depreciation and amortization <sup>3</sup> | 406.6   | 331.7   | 308.7   |
| in % of sales                              | 7.6     | 6.1     | 4.9     |
| thereof impairment <sup>4</sup>            | 86.1    | 37.0    | 2.4     |

<sup>1</sup> EBIT before amortization of intangible assets from PPA, consolidation and special effects; sales before changes in the scope of consolidation.
 <sup>2</sup> Capital expenditure on property, plant and equipment, and software.
 <sup>3</sup> Excluding impairment on financial investments.
 <sup>4</sup> Impairment also includes necessary reversals of impairment losses.

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#### **IX. ContiTech** Sales by Market





#### IX. ContiTech Product Overview



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## **Topics**

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| IV.   | Sustainability at Continental | 47  |     |
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|       |                               |     | 170 |

#### X. Share and Bond Information Share Data / ADR Data

| Share Data                                  |                                      |
|---|--------------------------------------|
| Type of share                               | No-par value share                   |
| Bloomberg ticker                            | CON                                  |
| Reuters ticker                              | CONG                                 |
| German security identification number (WKN) | 543 900                              |
| ISIN  | DE0005439004                         |
| Shares outstanding as at December 31, 2017  | 200,005,983                          |
| _ADR Data <sup>1</sup>                      |                                      |
| Ratio (ordinary share : ADR)                | 1:5                                  |
| Bloomberg ticker                            | CTTAY                                |
| Reuters ticker                              | CTTAY.PK                             |
| ISIN  | US2107712000                         |
| ADR level                                   | Level 1                              |
| Exchange                                    | OTC                                  |
| Sponsor                                     | Deutsche Bank Trust Company Americas |
|   |                                      |

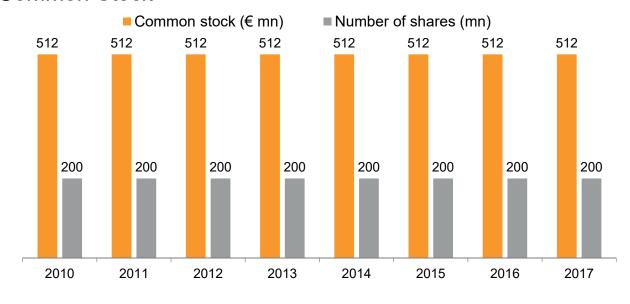
<sup>1</sup> As at January 2018.

#### X. Share and Bond Information

Share Price Development vs. Major Stock Indexes

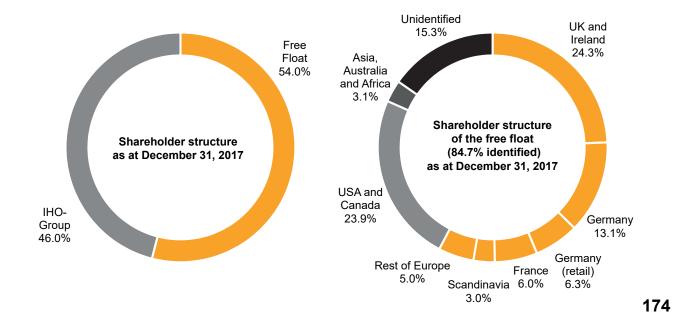


Source: Bloomberg



#### X. Share and Bond Information Common Stock

#### X. Share and Bond Information Shareholder Structure



# X. Share and Bond Information Bond Data

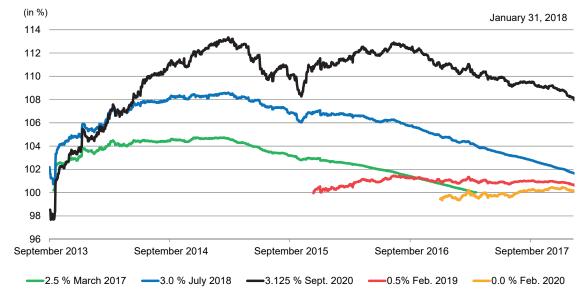
| Issuer  | Continental AG                             | Continental Rubber of America, Corp. <sup>1</sup>            | Continental AG                             | Continental AG   |
|---|--|--|--|--|
| Issue   | Senior Notes                               | Senior Notes   | Senior Notes                               | Senior Notes   |
| Principal amount  | €750 mn                                    | €500 mn  | €600 mn                                    | €750 mn  |
| Offering price  | 98.950%                                    | 99.739%  | 99.410%                                    | 99.228%  |
| Rating at issuance     Ba2 (Moody's <sup>4</sup> )       date     BB (S&P)       BB (Fitch <sup>2</sup> ) |  | BBB (S&P)<br>BBB (Fitch)                                     | BBB+ (S&P)<br>BBB+ (Fitch)                 | Ba1 (Moody's <sup>4</sup> )<br>BB (S&P)<br>BBB (Fitch <sup>2</sup> ) |
| Current corporation<br>and bond ratings <sup>3</sup>  |  | BBB+ (Fitch), BBB+ (   | S&P), Baa1 (Moody's⁴)                      |  |
| Coupon  | 3.0% p.a.                                  | 0.5% p.a.  | 0.0% p.a.                                  | 3.125% p.a.  |
| Issue date  | July 16, 2013                              | November 19, 2015  | December 5, 2016                           | September 9, 2013  |
| Maturity  | July 16, 2018                              | February 19, 2019  | February 5, 2020                           | September 9, 2020  |
| Interest payment  | Semi annual<br>January 16/July 16          | Annual<br>February 19,<br>commencing<br>on February 20, 2017 | Not applicable                             | Annual<br>September 9  |
| WKN   | A1X24V                                     | A1Z7C3   | A2DARM                                     | A1X3B7   |
| ISIN  | XS0953199634                               | DE000A1Z7C39   | XS1529561182                               | XS0969344083   |
| Denomination  | €1,000 with min. tradable<br>amount €1,000 | €1,000 with min. tradable<br>amount €1,000                   | €1,000 with min. tradable<br>amount €1,000 | €1,000 with min. tradable<br>amount €1,000                           |

'Guaranteed by Continental AG. Non-contracted rating at date of issuance. Fifch since October 24, 2016; S&P since May 11, 2016; Moody's since June 30, 2015. Non-contracted rating since February 1, 2014.

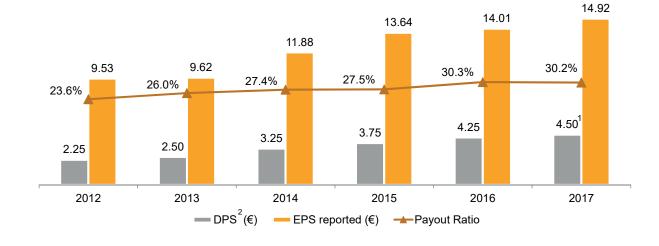
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# X. Share and Bond Information





Source: Bloomberg.

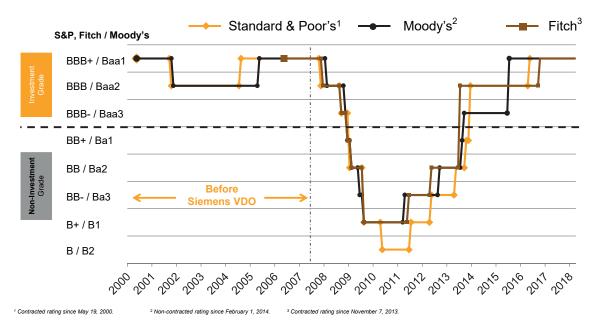


#### X. Share and Bond Information Earnings and Dividend per Share; Payout Ratio

<sup>1</sup> Dividend for FY 2017 subject to approval of the Annual Shareholders' Meeting (ASM) on April 27, 2018.
<sup>2</sup> Dividend paid for the respective fiscal year, payout in the subsequent year.

# X. Share and Bond Information





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#### X. Share and Bond Information 10 Year Financial Overview

|   |      | 2017               | 2016     | 2015     | 2014     | 2013     | 2012 <sup>6</sup> | 2011     | 2010     | 2009     | 200      |
|---|------|--------------------|----------|----------|----------|----------|-------------------|----------|----------|----------|----------|
| Balance sheet   |      |                    |          |          |          |          |                   |          |          |          |          |
| Non-current assets  | €mn  | 22,038.4           | 21,321.0 | 19,666.6 | 16,923.3 | 15,569.5 | 15,685.7          | 15,075.5 | 14,887.9 | 14,724.6 | 16,348.4 |
| Current assets  | €mn  | 15.402.1           | 14,853.9 | 13,169.1 | 13,317.8 | 11,251.3 | 11,764.4          | 10,962.9 | 9,502.6  | 8,324.6  | 8,339.   |
| Total assets  | €mn  | 37,440.5           | 36,174.9 | 32,835.7 | 30,241.1 | 26,820.8 | 27,450.1          | 26,038.4 | 24,390.5 | 23,049.2 | 24,687.  |
| Shareholders' equity (excl. non-controlling interests)                | €mn  | 15,828.4           | 14,270.0 | 12,786.3 | 10,672.1 | 9,011.2  | 7,779.0           | 7,146.1  | 5,859.6  | 3,772.6  | 5,265.   |
| Non-controlling interests   | €mn  | 461.9              | 464.8    | 427.6    | 352.5    | 311.0    | 377.4             | 397.2    | 343.3    | 289.1    | 264.     |
| Total equity (incl. non-controlling interests)                        | €mn  | 16,290.3           | 14,734.8 | 13,213.9 | 11,024.6 | 9,322.2  | 8,156.4           | 7,543.3  | 6,202.9  | 4,061.7  | 5,529.   |
| Equity ratio <sup>1</sup>   | %    | 43.5               | 40.7     | 40.2     | 36.5     | 34.8     | 29.7              | 29.0     | 25.4     | 17.6     | 22.      |
| Capital expenditure <sup>2</sup>                                      | €mn  | 2,854.4            | 2,593.0  | 2,178.8  | 2,045.4  | 1,981.1  | 2,019.4           | 1,711.3  | 1,296.4  | 860.1    | 1,595.   |
| Net indebtedness  | € mn | 2,047.6            | 2,797.8  | 3,541.9  | 2,823.5  | 4,289.3  | 5,319.9           | 6,772.1  | 7,317.0  | 8,895.5  | 10,483.  |
| Gearing ratio   | %    | 12.6               | 19.0     | 26.8     | 25.6     | 46.0     | 65.2              | 89.8     | 118.0    | 219.0    | 189.     |
| Income statement  |      |                    |          |          |          |          |                   |          |          |          |          |
| Sales   | €mn  | 44,009.5           | 40,549.5 | 39,232.0 | 34,505.7 | 33,331.0 | 32,736.2          | 30,504.9 | 26,046.9 | 20,095.7 | 24,238.  |
| Share of foreign sales  | %    | 79.7               | 79.3     | 78.6     | 76.6     | 76.2     | 75.4              | 73.7     | 72.8     | 71.0     | 68.      |
| Cost of sales <sup>3</sup>  | %    | 74.2               | 73.4     | 74.1     | 74.9     | 76.6     | 78.3              | 79.0     | 77.8     | 80.0     | 80.      |
| Research and development expenses <sup>3</sup>                        | %    | 7.1                | 6.9      | 6.2      | 6.2      | 5.6      | 5.3               | 5.3      | 5.6      | 6.7      | 6.       |
| Selling and logistics expenses <sup>3</sup>                           | %    | 5.5                | 5.6      | 5.6      | 5.3      | 5.0      | 4.8               | 4.7      | 5.0      | 5.6      | 4.       |
| Administrative expenses <sup>3</sup>                                  | %    | 2.6                | 2.5      | 2.4      | 2.2      | 2.1      | 2.0               | 2.1      | 2.5      | 3.0      | 3.       |
| EBITDA  | € mn | 6,678.9            | 6,057.4  | 6,001.4  | 5,133.8  | 5,095.0  | 4,967.4           | 4,228.0  | 3,587.6  | 1,591.2  | 2,771.   |
| EBITDA <sup>3</sup>   | %    | 15.2               | 14.9     | 15.3     | 14.9     | 15.3     | 15.2              | 13.9     | 13.8     | 7.9      | 11.      |
| Personnel expenses  | € mn | 10,687.3           | 9,695.7  | 9,164.6  | 7,757.2  | 7,124.5  | 6,813.7           | 6,354.3  | 5,891.7  | 5,199.8  | 5,746.   |
| Depreciation and amortization <sup>4</sup>                            | € mn | 2,117.4            | 1,961.6  | 1,885.8  | 1,789.0  | 1,831.3  | 1,781.2           | 1,631.1  | 1,652.4  | 2,631.6  | 3,067.   |
| Net income attributable to the shareholders of the parent             | €mn  | 2,984.6            | 2,802.5  | 2,727.4  | 2,375.3  | 1,923.1  | 1,905.2           | 1,242.2  | 576.0    | -1,649.2 | -1,123.  |
| Dividend and earnings per share                                       |      |                    |          |          |          |          |                   |          |          |          |          |
| Dividend for the fiscal year  | €mn  | 900,0 <sup>5</sup> | 850.0    | 750.0    | 650.0    | 500.0    | 450.0             | 300.0    | _        | _        | -        |
| Number of shares as at December 31                                    | mn   | 200.0              | 200.0    | 200.0    | 200.0    | 200.0    | 200.0             | 200.0    | 200.0    | 169.0    | 169.     |
| Net income (per share) attributable to the shareholders of the parent | €    | 14.92              | 14.01    | 13.64    | 11.88    | 9.62     | 9.53              | 6.21     | 2.88     | -9.76    | -6.8     |
| Employees   |      |                    |          |          |          |          |                   |          |          |          |          |
| Annual average  | tsd  | 230.7              | 216.0    | 204.7    | 186.0    | 175.4    | 169.0             | 159.7    | 142.7    | 133.4    | 148.     |

Including non-controlling interests.
 Capital expenditure on property, plant and equipment, and software.
 As a percentage of sales.

Excluding impairment on financial investments.
 Subject to the approval of the Annual Shareholders' Meeting on April 27, 2018.
 IAS 19 (revised 2011), Employee Benefits, has been applied since 2012.

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#### **Topics**

| ١.    | Continental at a Glance       | 3   |    |
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#### XI. Glossary Financial Glossary

| ADR               | American Depositary Receipt  |
|-------------------|--|
| Capex             | Capital expenditure on property, plant and equipment, and software   |
| EBIT              | Earnings Before Interest and Taxes   |
| EBITDA            | EBIT Before Depreciation and Amortization  |
| EBIT margin       | EBIT as a percentage of sales  |
| EBITDA margin     | EBITDA as a percentage of sales  |
| FCF               | The sum of cash flow arising from operating activities and cash flow arising from investing activities. Also referred to as<br>cash flow before financing activities   |
| Gearing ratio     | Net indebtedness divided by equity. Also known as the debt to equity ratio   |
| ISIN              | International Securities Identification Number   |
| Net indebtedness  | The net amount of interest-bearing financial liabilities as recognized in the statement of financial position, the positive fair values of the derivative instruments, cash and cash equivalents, as well as other interest-bearing investments  |
| NIAT              | Net Income Attributable to the shareholders of the parent  |
| ΟΑ                | The assets less liabilities as reported in the balance sheet, without recognizing the net indebtedness, sales of accounts receivable, deferred tax assets, income tax receivables and payables, as well as other financial assets and debts. Average operating assets are calculated as at the end of the quarterly periods and, according to our definition, correspond to the capital employed |
| PPA               | Purchase Price Allocation  |
| R, D & E expenses | Research, Development and Engineering Expenses   |
| ROCE (average)    | Return On Capital Employed. We define ROCE as the ratio of EBIT to average operating assets for the fiscal year  |

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# XI. Glossary Product and Division Glossary

| ABS  | Anti-Lock Brake System             | I    | Interior Division               |
|------|------------------------------------|------|---------------------------------|
| ACC  | Adaptive Cruise Control            | IAM  | Intelligent Antenna Module      |
| ADAS | Advanced Driver Assistance Systems | LT   | Light Truck                     |
| CAGR | Compound Annual Growth Rate        | NVH  | Noise Vibration Harshness       |
| C&S  | Chassis & Safety Division          | ОСВ  | Optimized Curve Break           |
| СТ   | ContiTech Division                 | ΟΤΑ  | Other The Air                   |
| CV   | Commercial Vehicle                 | PC   | Passenger Car                   |
| СVТ  | Commercial Vehicle Tires           | PLT  | Passenger and Light Truck Tires |
| ECU  | Electronic Control Unit            | PT   | Powertrain Division             |
| EBS  | Electronic Brake System            | RV   | Recreational Vehicle            |
| ESC  | Electronic Stability Control       | SSR  | Self-Supporting Runflat Tires   |
| E2E  | End to End                         | SUV  | Sport Utility Vehicle           |
| FDG  | Full Digital Cluster               | тсѕ  | Traction Control System         |
| HEV  | Hybrid Electric Vehicle            | TPMS | Tire Pressure Monitoring System |
| НМІ  | Human Machine Interface            | V2X  | Vehicle-to-everything           |
| HUD  | Head Up Display                    |      |                                 |

#### **Contact** Equity and Debt Markets Relations

Vahrenwalder Str. 9 30165 Hanover Germany E-mail: <u>ir@conti.de</u> Fax: +49 511 938 1080 <u>www.continental-ir.com</u>

Rolf Woller Head of IR

Phone: +49 511 938 1068 E-mail: rolf.woller@conti.de

Jana Cross Assistant to the Head of IR Roadshow and Conference Organization Phone: +49 511 938 1163 E-mail: jana.cross@conti.de



| Michael Saemann<br>Analysts, Institutional Investors and<br>Sustainability Investors                            | Phone: +49 511 938 1307<br>E-mail: <u>michael.saemann@conti.de</u>   |
|---|--|
| Klaus Paesler<br>Analysts, Institutional Investors, ADR<br>and Private Investors                                | Phone: +49 511 938 1316<br>E-mail: <u>klaus.paesler@conti.de</u>     |
| Christopher Macke<br>Analysts, Institutional Investors  | Phone: +49 511 938 1062<br>E-mail: <u>christopher.macke@conti.de</u> |
| Sabine Reese<br>Sustainability, ASM, CMD<br>Organization, IR Website, Capital<br>Market Disclosure Requirements | Phone: +49 511 938 1027<br>E-mail: <u>sabine.reese@conti.de</u>      |
| Marvin Kalberlah<br>Analysts, Institutional Investors<br>Social Media   | Phone: +49 511 938 14034<br>E-mail: <u>marvin.kalberlah@conti.de</u> |

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# Financial Calendar

| 2 | 201 | 8 |
|---|-----|---|
|   |     |   |

| January 9, 2018  |  |
|------------------|--|
| March 8, 2018    |  |
| April 27, 2018   |  |
| May 8, 2018      |  |
| August 2, 2018   |  |
| November 8, 2018 |  |
| -                | March 8, 2018<br>April 27, 2018<br>May 8, 2018<br>August 2, 2018 |

#### 2019

| Preliminary figures for the fiscal year 2018              | January 2019   |  |
|---|----------------|--|
| Annual Financial Press Conference                         | March 2019     |  |
| Annual Shareholders' Meeting (incl. key data for Q1 2019) | April 26, 2019 |  |
| Q1 Financial Report                                       | May 2019       |  |
| Half Year Financial Report                                | August 2019    |  |
| Nine Month Financial Report                               | November 2019  |  |

#### **Continental Aktiengesellschaft**

Investor Relations P.O. Box 169, 30001 Hanover, Germany Vahrenwalder Str. 9, 30165 Hanover, Germany Phone +49 511 938-1163, Fax +49 511 938-1080 E-mail ir@conti.de www.continental-ir.com

