

#### Exane BNP Paribas September 20, 2017

### ΤΟΚΥΟ



September 20, 2017 Tokyo



- 1 / Levers for Growth
- 2 / Levers for Competitiveness
- **3** Ambition for Profitability











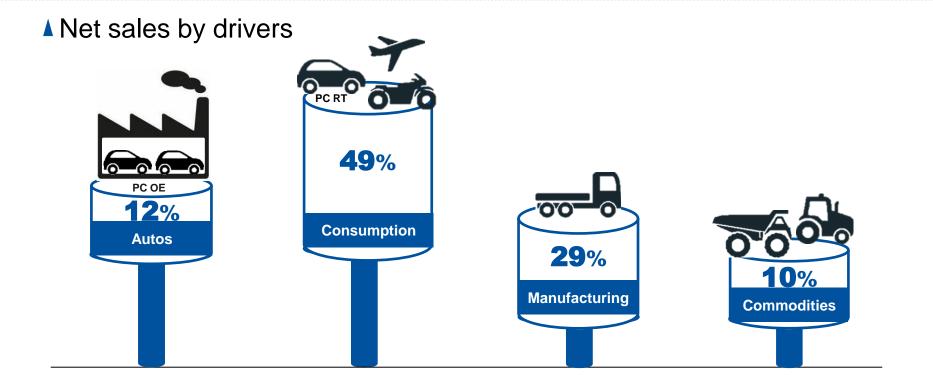
### Four domains of growth



#### **CUSTOMER – INNOVATION – GROWTH – COMPETITIVENESS**



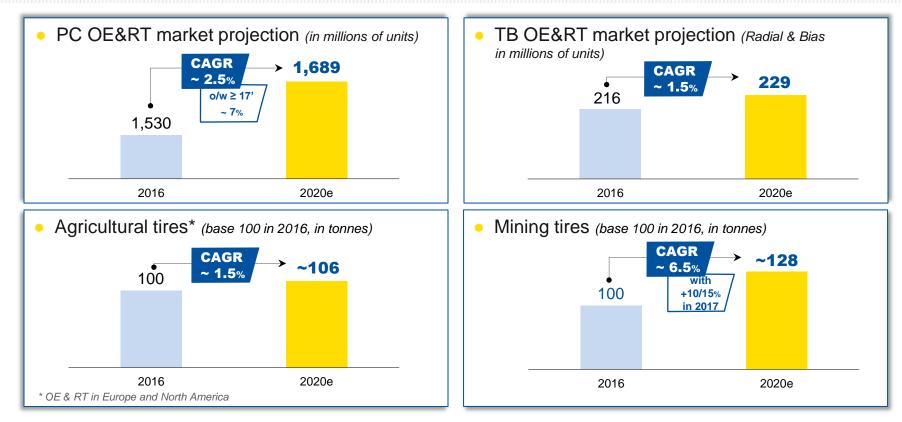
## A business model strongly linked to consumption



2016 net sales by sector



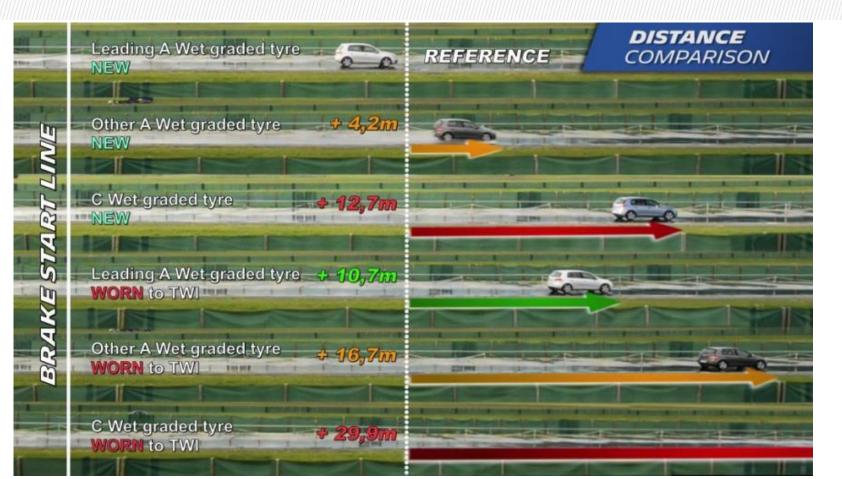
## 2016-2020 projections: growing worldwide demand



### **Product launches driving volume and market share gains**



### **MICHELIN tire – Highest performance new and worn out**



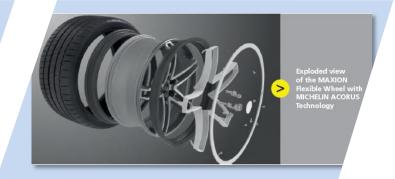
## MICHELIN ACORUS technology makes the tire and wheel assembly flexible: it bends but does not break

- Michelin patented new technology for the PC incorporates two flexible rubber flanges mounted on a special wheel body, developed by Maxion Wheels, world's leading manufacturer of wheels.
- A flexible tire and wheel assembly that improves the ride and comfort and also absorbs impacts from potholes and kerbs.
- Initially sold in 19" and above sizes to the OE premium automakers, this Michelin innovation is compatible with all tires on the market.

## In tests\* with a 21" tire driven through a pothole:

- standard assembly version punctured the tire at 28kph
- the MICHELIN ACORUS technology flexible assembly did not puncture at any speed





\* Tire dimension: 285/30R21; pothole: 80mm deep, 700mm long, 70° impact angle

# Acquisition of NexTraq, a US industry leader in the field of commercial-fleet telematics

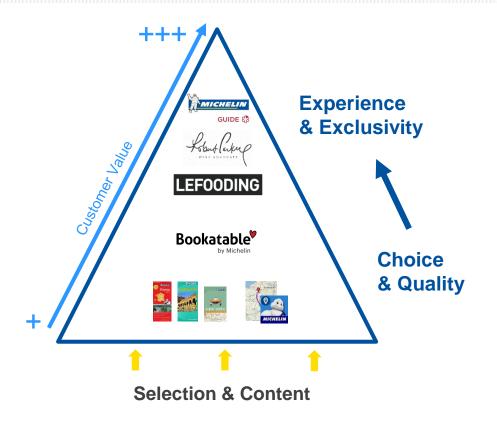
- Leader in SaaS fleet management for small-to medium-size businesses (Class 3-5 fleets ranging from 2 to 50 vehicles)
- NexTraq helps customers with driver behavior, scheduling, route optimization, vehicle trip history, fuel card integration, vehicle maintenance, and data integration enhancing fleet productivity
- Significant synergies expected with the Michelin Group through:
  - Service and solutions platform in North America
  - Technology expertise cross-fertilization between Sascar, Michelin solutions and NexTraq
  - Volume growth thanks to the strategic fit between Michelin and NexTraq customer bases;

#### **KEY FIGURES**

- Turnover: ~\$50m
- EBITDA: ~50%
- 110,000 subscribers in 2016 (67,000 in 2010)
- 100 employees



## Michelin Experiences: Become the global "Selection" benchmark in the world of gourmet dining and travel services



- Capitalize on the **MICHELIN Guide**'s worldwide reputation in the field of fine dining
- Expand the geographic and segment footprint with aligned brands/solutions for our customers
  - Destinations
  - Professionals (chefs, winemakers, hoteliers, etc.)
  - Advertisers
  - High-income consumers
- Create and engage a broad, qualified, committed audience in the **digital** world to benefit all of our businesses











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## H1 savings in line with 2017-2020 competitiveness plan

In € millions	H1 2017	2017-2020 plan
SG&A	64	500/550
Manufacturing - Logistics	60	450/500
Materials	22	150/200
Total	146	~1,200



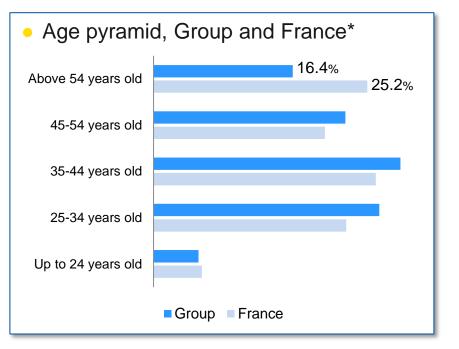
## The reorganization project announced in June will enable corporate positions to be reduced by 1,420 worldwide

- A more agile, customer-focused Group capable of unleashing all its power
- Leverage the age pyramid:
  - 3,500 employees retiring in France and the United States between 2018 and 2021
- Optimize hiring:
  - 2,080 new hires in France and the United States between 2018 and 2021



\* Manufacture Française des Pneumatiques Michelin







### **Investing to create value**

- Successfully carry out our priority Capex and M&A projects to drive expansion:
- In growing markets: Premium PC, North America and Asia
- In the supply chain to improve customer service (information systems, logistics)
- In digital services
- In raw materials and semi-finished products



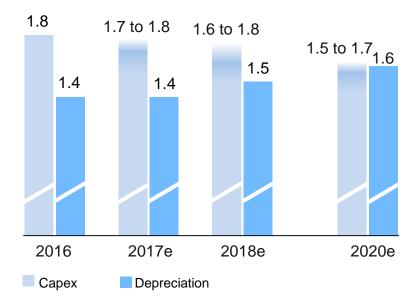






Closing the gap between Capex and depreciation:

(in € billions, at current exchange rates)





## **Optimizing Working Capital Requirements**

#### • Inventory:

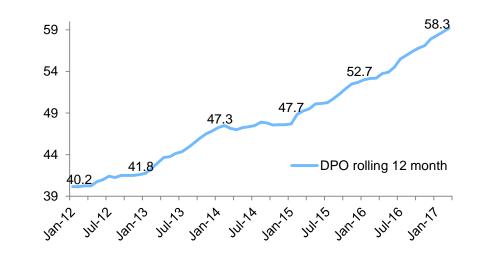
 At least a €250m reduction expected from OPE by 2020 from 2016

• Receivables:

Benchmark position around 13% of net sales

#### • Payables:

 Further improvement through TOP and reverse factoring



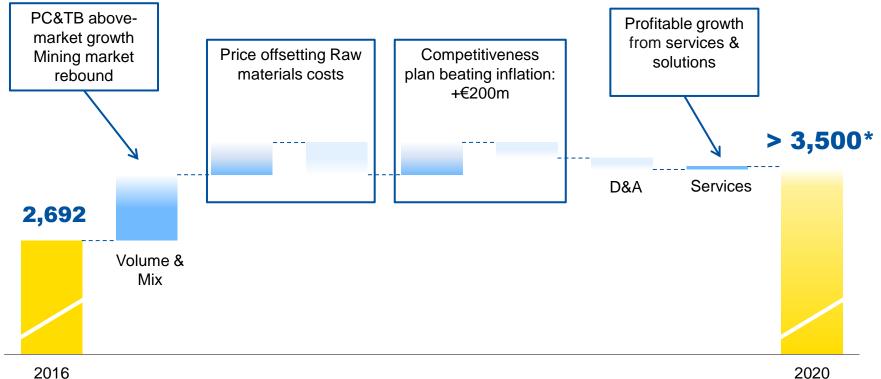








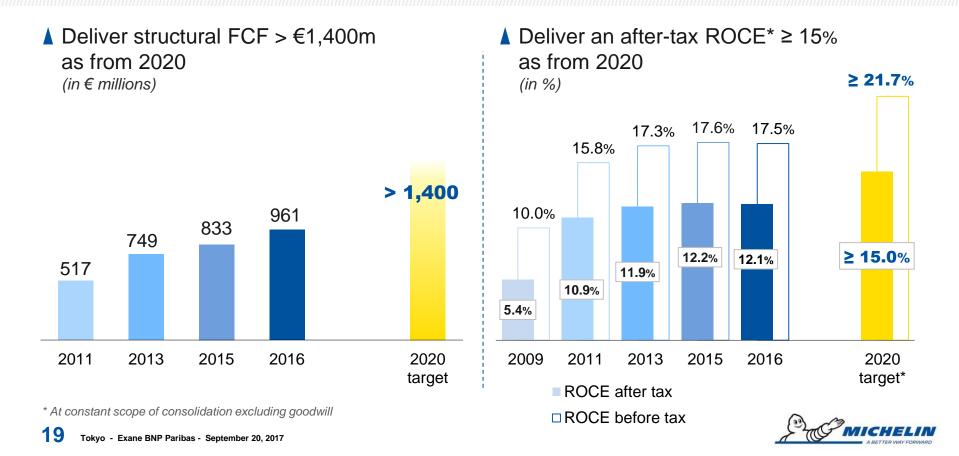
## 2016-2020 organic scenario: profitability levers





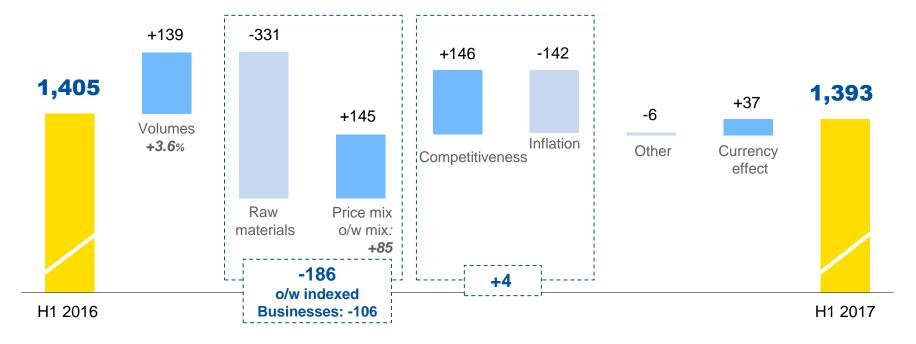
\* At 2016 exchange rates

## 2016 performance in line with 2020 objectives



## H1 2017 Operating income from recurring activities of €1.4 billion, stable and in line with the Group's roadmap

▲ YoY change in operating income from recurring activities (in € millions)





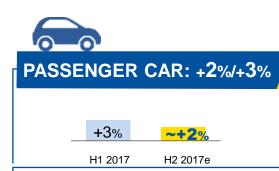
## 2017 guidance confirmed: on the road to our 2020 objectives

	2017
Volumes	Growth in line with the markets
Operating income from recurring activities at constant exchange rates	> 2016
Net price-mix/raw materials effect	Non-indexed businesses: neutral
Structural FCF*	>€900m

\* Adjusted for the payment in January 2017 of the €193m capitalized interest on OCEANE bonds



## 2017 market scenario: agile management in a highly volatile environment



Growth in line with long-term trends

 H2 slightly better than Q2, which saw a fall-off in demand after the Q1 buying surge TRUCK: +0%/+2%



Growth in line with long-term trends

• H2 down due to H1 pre-buy

+8%/10% +7%/9% H1 2017 H2 2017e

- Of which Mining tires: +10%/+15%
- Of which Agricultural tires: rebound in OE in Q2; slight increase in RT over the year
- Expanding markets in the other businesses



Source: Michelin

## **2017 scenario: agile management in a highly volatile environment**

	H1 2017 as reported	H2 2017	2017
Impact of raw materials costs	-€331m	Around €450m headwind	Around €800m headwind
Currency effect	+€37m	€120 to €150m headwind	€85m to €115m headwind*

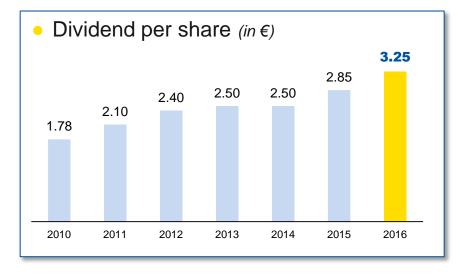
Net price-mix/	Indexed -€106m	Positive	Indexed businesses: negative
raw materials effect	Non-indexed -€80m		Non-indexed: neutral
Competitiveness plan gains vs. inflation	+€4m	Neutral	Slightly positive

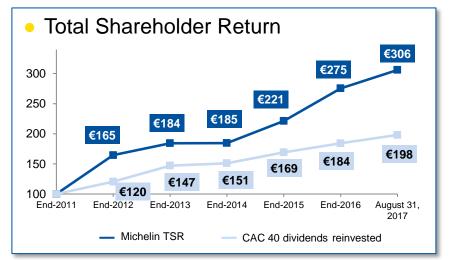
\* Based on August average exchange rates extended to December 2017, with 2013-2016 dropthrough ranging from 30% to 48%



## Sustained shareholder return policy: dividends and share buybacks

- 2016 dividend: €3.25 per share, representing a payout ratio of 36.5%
- Share buyback programs
  - €750m committed in 2015-2016 and cancellation of 4.5% of outstanding shares
  - 2017: €71m delivered out of a €100m program to offset the dilution from share-based compensation

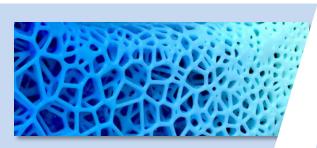






Michelin unveiled a concept tire that illustrates its vision of the mobility of the future in a combination of groundbreaking technologies and services.





An airless wheel



A tread which you can top up, with a 3D printer



Connected tire







# Appendices



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**PC Tire Market:** Good momentum in OE markets except in North America where vehicle sales are declining. Replacement demand shaped by high dealer inventories in Europe, North America and sustained market in China.

#### July 2017/2016

% YoY change in number of tires	Europe including Russia & CIS*	Europe excluding Russia & CIS*	North America	Brazil	China
Original equipment	<b>▲</b> +4%	<b>▲</b> +5%	▼ -2%	<b>▲</b> +3%	▲ +6%
Replacement	<b>▲</b> +2%	▼ -1%	▼ -2%	<b>+</b> 0%	<b>▲</b> +6%

#### ▲ YTD July 2017

% YoY change in number of tires	Europe including Russia & CIS*	Europe excluding Russia & CIS*	North America	Brazil	China
Original equipment	<b>▲</b> +1%	<b>▲</b> +1%	▼ -0%	<b>▲</b> +11%	<b>▲</b> +4%
Replacement	<b>▲</b> +4%	<b>▲</b> +2%	▼ -0%	<b>▲</b> +7%	<b>▲</b> +7%

\* Turkey included

# **TB Tire Market :** Flat replacement demand in Europe and strong growth in all other zones/segments helped by the comparison basis and a favorable economic environment.

#### ▲ July 2017/2016

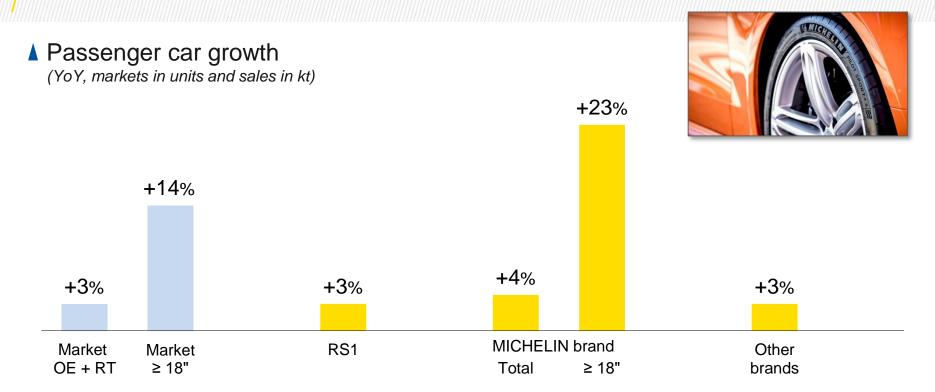
% YoY change in number of tires (Radial + Bias)	Europe including Russia & CIS*	Europe excluding Russia & CIS*	North America	Brazil
Original equipment	<b>▲</b> +7%	<b>▲</b> +7%	<b>▲</b> +27%	<b>4</b> +40%
Replacement	<b>▲</b> +2%	<b>▲</b> +0%	<b>▲</b> +25%	<b>▲</b> +17%

#### ▲ YTD July 2017

% YoY change in number of tires (Radial + Bias)	Europe including Russia & CIS*	Europe excluding Russia & CIS*	North America	Brazil
Original equipment	<b>▲</b> +7%	<b>▲</b> +6%	<b>▲</b> +7%	<b>▲</b> +8%
Replacement	<b>▲</b> +7%	<b>+</b> 5%	<b>▲</b> +1%	<b>▲</b> +12%

\* Turkey included

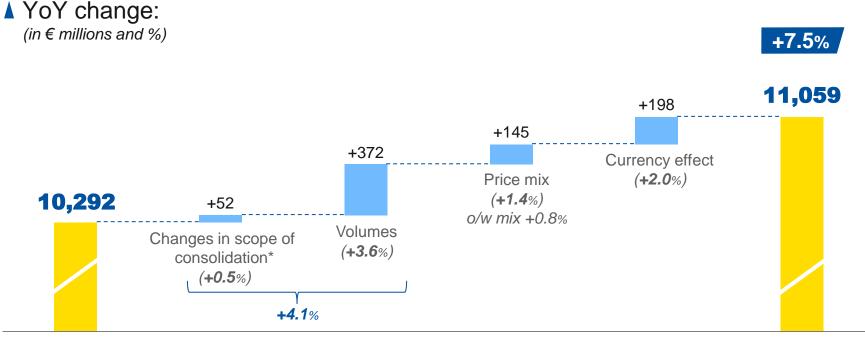
## PC: still a robust product mix momentum



Source: Michelin



## H1 2017 Net sales supported by growth in volumes and price increases



H1 2016

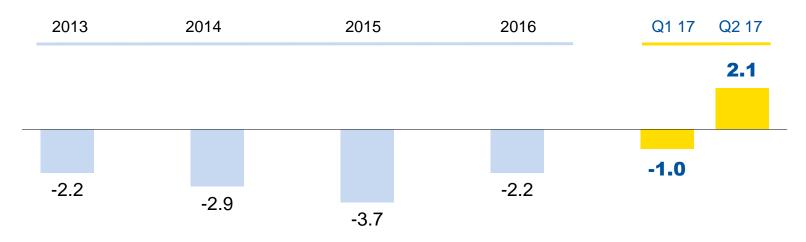
\* Levorin

H1 2017

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## **Q2 2017 price effect: first quarter of increase after more than four years of decline linked to raw materials price trend**

💧 (in %)



• Q2 2017: initial impact of the price increases ahead of their full impact in H2



### **Q2 2017: volumes stable given the Q1 surge in early buying;** initial impact of higher prices

▲ YoY quarterly change

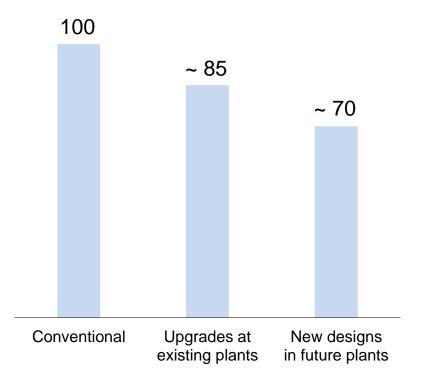


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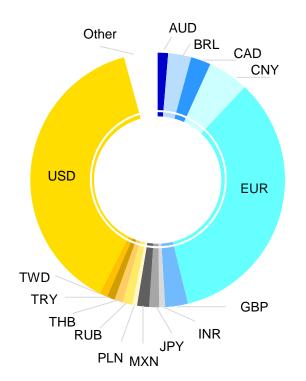
### New drivers: decreasing capital expense costs

- Future plants will cost 30% less per tonne of passenger car tire than previous projects, thanks to:
  - The purchase of less customized machinery
  - Streamlined flows
  - More flexible building blocks
  - Co-designing products and processes
  - Optimized engineering processes
- The selected solutions will be aligned with the upgrades at **existing plants**, with the goal of reducing unit capex cost by 15%
- Differentiation of our products will remain unchanged





## 2016 net sales by currency



% of ne	et sales
AUD	1%
BRL	3%
CAD	3%
CNY	5%
EUR	34%
GBP	3%
INR	1%
JPY	1%
MXN	2%
PLN	1%
RUB	1%
THB	1%
TRY	1%
TWD	1%
USD	38%
Other	4%

 EBIT sensitivity to €/\$ exchange rate:

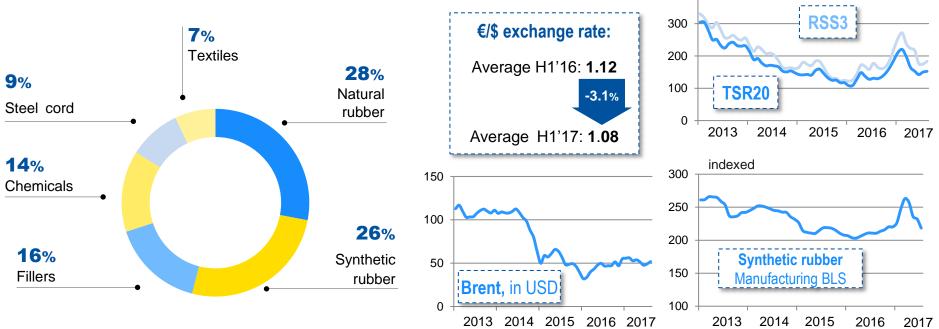
A one cent change in the average annual  $\notin$  exchange rate would lead to a  $\notin$  15-20 million change in EBIT for the year.

 Reminder: annual Net sales to EBIT dropthrough ranging from 30% to 48% over 2013-2016



## Raw materials in H1 2017

▲ Raw material purchases in H1 2017 (€2.6bn)



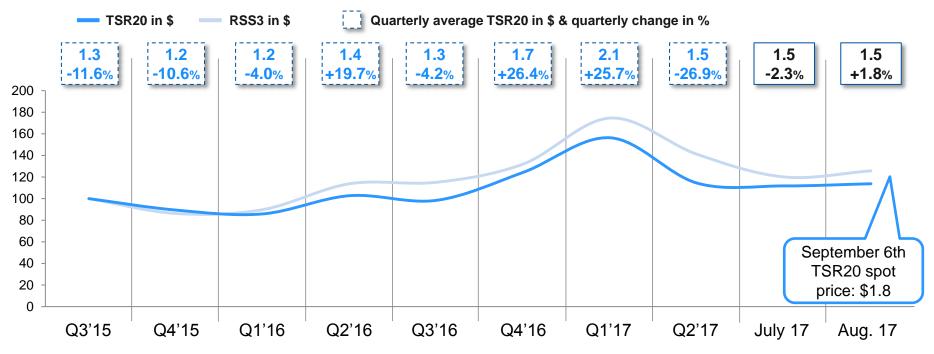


in USD/ton

400

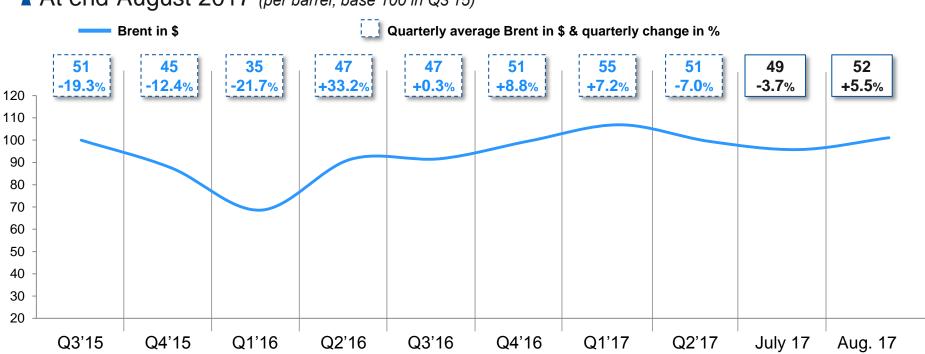
## Natural rubber price trend

#### At end-August 2017 (per kg, base 100 in Q3'15)



Source: SICOM

## **Brent price trend**

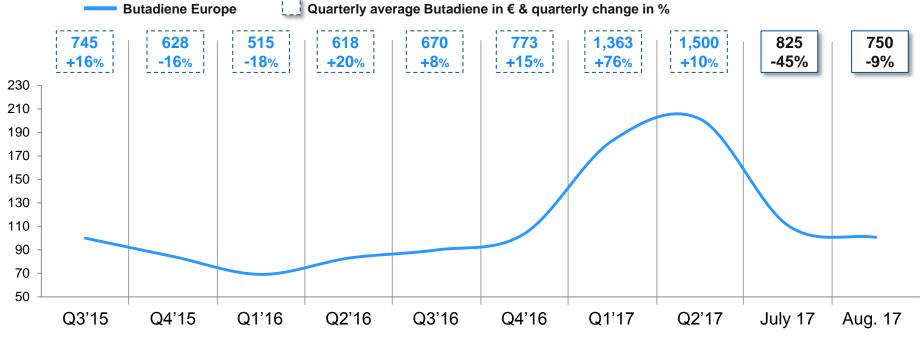


At end-August 2017 (per barrel, base 100 in Q3'15)



### **Butadiene price trend**

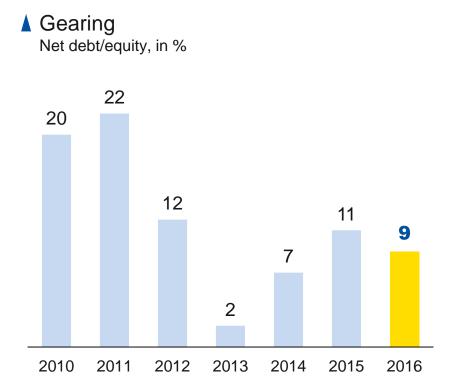




Source: IHS



### A robust balance sheet after the share buybacks, confirmed by the rating agencies



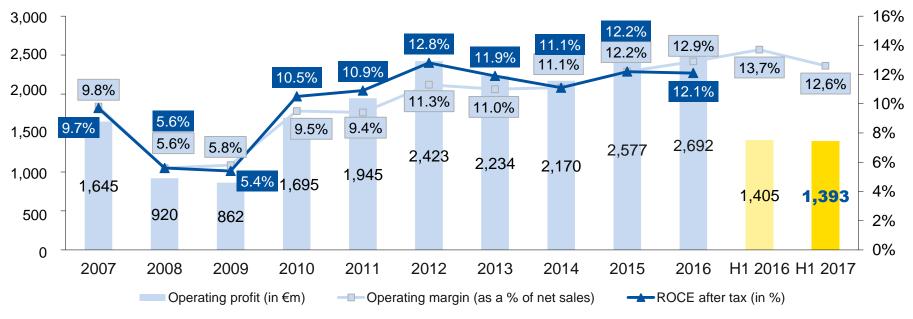
▲ Solid long-term ratings

Short term	S&P	A-2
Short term	Moody's	P-2
Long torm	S&P	<b>A-</b>
Long term	Moody's	A3
Outlook	S&P	Stable
OULIOOK	Moody's	Stable



## 2016: a year of progress, in line with our 2020 roadmap

▲ Group operating income and margin\* & ROCE



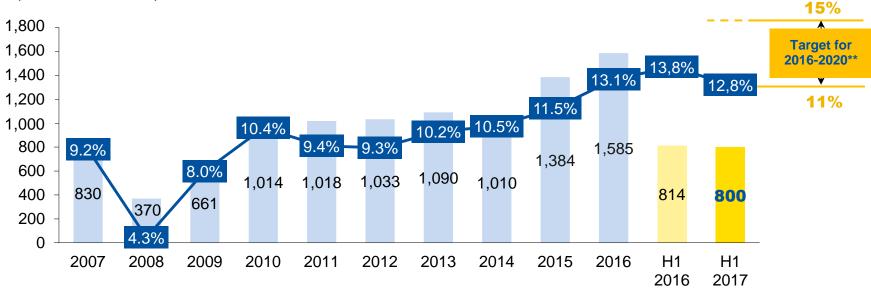
\* On recurring activities.



## **Improving PC margins:** product innovation, contribution from the 17" and over strategy, better customer service

▲ RS1 operating income and margin\*

(in € millions and %)



Operating profit (in €m) —Operating margin (as a % of net sales)

\* On recurring activities.

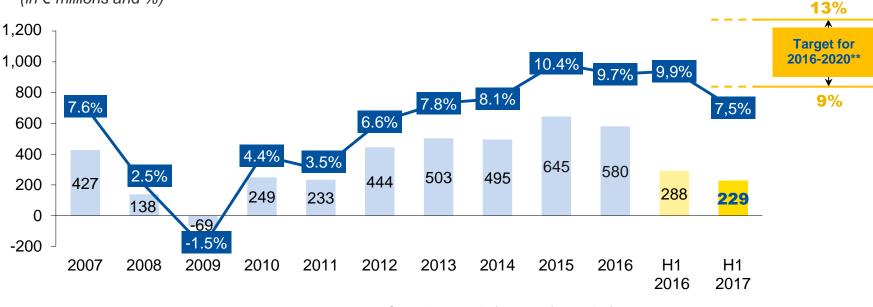
\*\* At constant scope of consolidation and raw materials prices, and with markets expanding at a 2.5% CAGR



## **Consolidation in TB margin** led by competitiveness, product innovation and customer satisfaction

▲ RS2 operating income and margin\*

(in € millions and %)



Operating profit (in €m) —Operating margin (as a % of net sales)

\* On recurring activities.

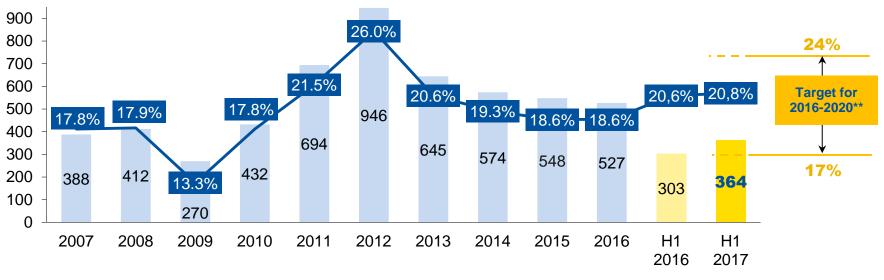
\*\* At constant scope of consolidation and raw materials prices, and with markets expanding at a 1.5% CAGR



## **Specialty businesses:** solid margin resistance in challenging markets

#### ▲ RS3 operating income and margin\*

(in € millions and %)



Operating margin (as a % of net sales)

\* On recurring activities.

\*\* At constant scope of consolidation and raw materials prices, and with markets expanding

Operating profit (in €m)



### Disclaimer

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