





# IN A CONTEXT OF EXACERBATED OPERATIONAL DISRUPTIONS SINCE THE BEGINNING OF THE YEAR, THE GROUP REPORTED €6.5BN IN SALES IN Q1, A RISE OF 19%

- In Q1 2022, existing operational disruptions were exacerbated by the systemic impact of the conflict in Ukraine and the resurgence of Covid-19 in China, putting more pressure on already tight supply chains and driving up costs even further.
- In this context, worldwide demand was up in Q1:
  - The PC/LT tire market grew by 2%, dragged down by ongoing disruptions in OE, mainly in Europe, while the RT segment trended upward
  - The Truck tire market expanded by 4% outside China, but plunged a steep 37% in China
  - Specialty markets remained robust in all segments, with strong underlying demand in Mining in a market still limited by supply shortages
  - January and February were dynamic, while March was hard hit by the impact of the conflict in Ukraine and the resurgence of Covid in China,
     against an unfavorable basis of comparison
- Consolidated sales ended the first quarter at €6.5bn, up 19.0% year-on-year, of which a 3.4% positive currency effect :
  - a 11.9% gain from price increases, designed to offset further costs increases
  - a 1.6% increase from the mix effect, reflecting growth in the 18"+ segment and a favorable OE/RT mix in the Automotive division
  - a 0.5% growth in tire volumes, limited by multiple operational disruptions
  - a 0.8% gain from external growth, mainly from the consolidation of Allopneus.com at the end of 2021
  - a strong 11.9% increase in non-tire sales
- The Group maintains its guidance for 2022 (1)

(1) Barring any increase in systemic impacts, such as deeper supply chain disruptions or tighter restrictions on freedom of movement that could result in a significant drop in the tire markets.







# INFLATION AND SUPPLY CHAIN DISRUPTIONS INTENSIFIED IN Q1, PUSHING THE MARKET TO THE LOWER END OF EXPECTATIONS



Geopolitical tensions and a persistent health crisis are further increasing inflation and operational disruptions in 2022



#### **Unpredictable health situation**

Still affecting production in several countries and many industries, creating new bottlenecks and additional inflation



## **Transportation crisis**

- · Maritime shipping
- Truck drivers



#### Further increase in costs

- Raw materials
- Logistics services
- Energy inputs

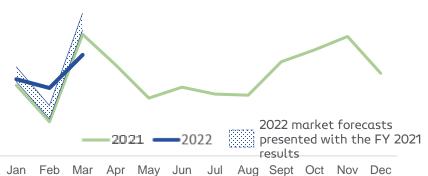


## Labor shortages / Increasing social tensions

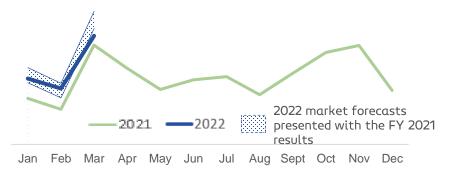
- The labor shortage has started to ease in North America
- · Truck drivers strike in Spain, social unrest in Sri Lanka

Supply disruptions lowered demand, mainly from OEMs, for PC/LT tires and, to a lesser extent, for Truck and Bus tires. Europe was particularly affected in Q1, as was China in March













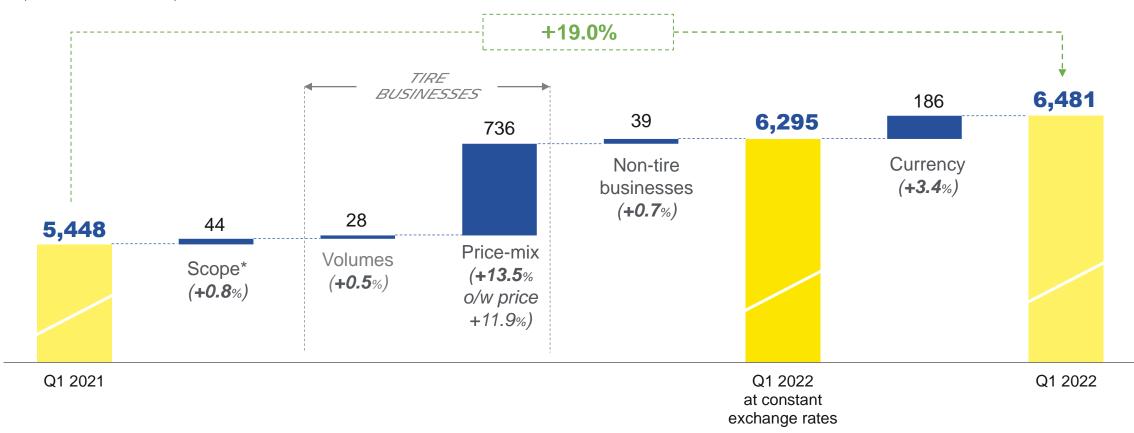


## SALES GROWTH OF 19% IN Q1 2022 DYNAMIC TIRE PRICING IN A HIGHLY INFLATIONARY ENVIRONMENT NON-TIRE SALES UP BY 11.9% OR €39M AT CONSTANT EXCHANGE RATES



# **Analysis of first quarter sales**

(in € millions and as a %)



<sup>\*</sup> Deconsolidation of the printing, publishing and marketing businesses associated with Maps & Guides for France (Michelin Editions) on February 1, 2021, and of Solesis on May 28, 2021; consolidation of TechnoBalt on May 1, 2021, and Allopneus.com on December 30, 2021.







# SALES GROWTH IN EVERY SEGMENT RESTRICTED BY OPERATIONAL DISRUPTIONS, DYNAMIC PRICING POLICIES IMPLEMENTED IN ALL NON-INDEXED BUSINESSES

(in € millions)		Q1 2022	Q1 2021	Change
	RS1 sales	3,254	2,694	<b>+20.8%</b>
	Volumes	-	-	+0.2%
	RS2 sales	1,674	1,388	<b>+20.6%</b>
	Volumes	-	-	+2.6%
	RS3 sales Volumes	1,553 -	1,366 -	<b>+13.7%</b> -0.9%

#### In an environment shaped by strong inflation and significant operational disruptions:

- **RS1**: dynamic pricing management led to strong growth in sales, with OE impacted by the shortage of spare parts, and with strong demand for 18"+ Replacement tires helping to maintain a favorable OE/RT mix.
- RS2: strong growth in sales was impelled by responsive pricing management and continued expansion in fleet management solutions, on the back of sustained demand in Europe and the Americas, with a focus on the highest value market segments.
- **RS3**: dynamic pricing management in the non-indexed businesses and higher volumes in most businesses Beyond Road, Two-wheel, Aircraft, Conveyor Belts led to growth in sales. Despite easing pressure on the upstream supply chain and an appropriate staffing level, Mining sales were still held back by shipment disruptions in Q1.







# CONFLICT IN UKRAINE: MANAGING THE IMPACT

- Michelin condemns unequivocally any violation of international laws. The Group's position is always on the side of its
  employees, regardless of the nation they called home, and their safety is always the number one priority. Michelin is fully
  complying with the sanctions that are being adopted by the international community in each country where it operates.
- Group exposure to Ukraine and Russia:
  - About 1,000 people, of which 750 are employed in our plant in Davydovo (less than 2 million Passenger car tires per year,
     i.e. ~1% of the Group's Automotive tires worldwide capacity); plant operations were suspended mid-March;
  - Around 2% of Group sales (based on 2021);
  - Balance sheet exposure at the end of December 2021: ~€200m, of which €40m in fixed assets<sup>(1)</sup>.
- Impact of the conflict on the Group:
  - Production in Europe: ~3 days on average of monitored shut down;
  - Alternative sourcing activated for raw materials, more particularly carbon black;
  - The conflict has exacerbated already existing disruptions and fueled additional inflation (mainly energy in Europe and transportation).

(1) See section 5.1.11 of the 2021 Universal Registration Document for more details, available on <a href="https://www.michelin.com/en/finance/regulated-information/financial-publications/">https://www.michelin.com/en/finance/regulated-information/financial-publications/</a>











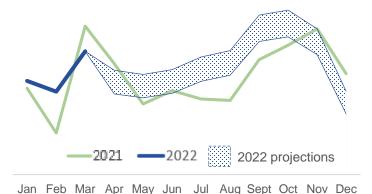
# 2022 MARKET SCENARIO: GROWTH EXPECTED AT THE LOWER END OF RANGES, IN A PERSISTENTLY DISRUPTED ENVIRONMENT



## PC/LT: +0%/+4%\*

- OE: supply difficulties expected to constrain OEM demand, mainly in Europe
- RT: global demand to remain high, without significant inventory rebuilding

#### PC/LT market forecast (units)

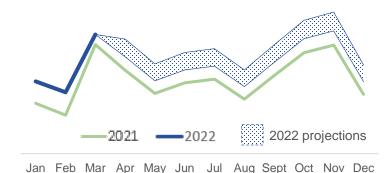


## TRUCK excl. China: +3%/+7%\*

Truck tires worldwide: +1%/+5%\*

- OE: demand outside China expected to keep growing, despite some new supply difficulties
- RT: global demand to remain strong,
   buoyed by freight demand in every region

Truck market forecast, excluding China (units)





# **SPECIALTIES:** +6%/+10%\*

- Mining tires: demand to remain robust, but the health crisis and supply chain disruptions will continue to complicate operations in H1
- Off-the-road tires: growing demand, despite some supply difficulties in OE
- Two-wheel tires: sustained growth
- Aircraft tires: growth in demand from still weak comparatives

\*vs. 2021





	2022
Volumes	In line with markets
Cost impact of raw materials prices, customs duties, transportation and energy	Strongly negative
Net price-mix / raw materials, manufacturing and logistics performance	Neutral



	2022
Segment operating income at constant exchange rates	> €3,200m
Structural free cash flow <sup>(2)</sup>	> €1,200m

<sup>(1)</sup> Barring any new systemic effect: deeper supply chain disruptions or tighter restrictions on freedom of movement that would result in a significant drop in the tire markets.





<sup>(2)</sup> Structural free cash flow corresponds to free cash flow before acquisitions, adjusted for the impact of changes in raw material costs on trade payables, trade receivables and inventories (see definition slide 63).





## • Events to come:

- May 13, 2022: Annual Shareholders Meeting
- -July 26, 2022 (after close of trading): First-half 2022 results
- -October 25, 2022 (after close of trading): Third-quarter and 9 months 2022 sales
- November 29, 2022: Update about « Michelin in Motion » (digital event)

## Dividend dates:

- **May 17, 2022**: Ex-dividend Date
- -May 18, 2022: Record date
- -**May 19, 2022**: Payment date





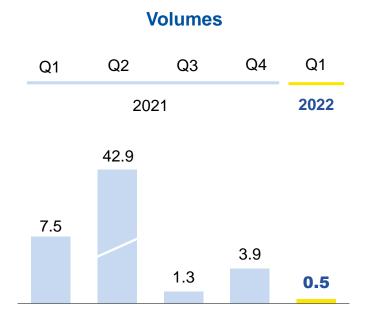


# Q1 2022: DYNAMIC PRICE MANAGEMENT IN A TIME OF SHARPLY RISING COSTS



## YoY QUARTERLY SALES CHANGE

(%)











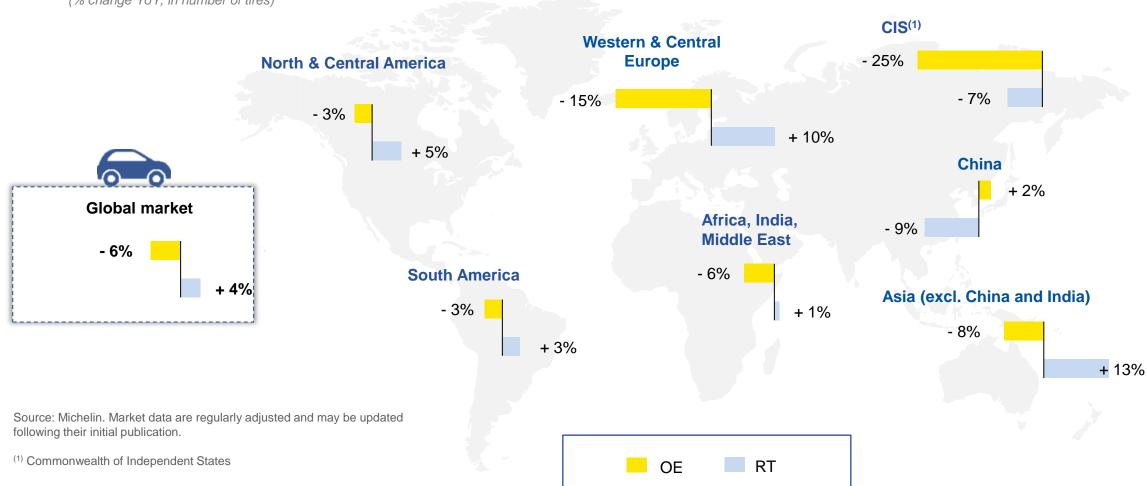


# Q1 2022 – PC/LT MARKETS: UP 2% WW, DRAGGED DOWN BY ONGOING DISRUPTION IN OE MAINLY IN EUROPE, WHILE THE RT SEGMENT TRENDED UPWARD



# **PC/LT TIRE MARKET, Q1 2022**

(% change YoY, in number of tires)









# Q1 2022 – TRUCK TIRE MARKETS: EXPANDED BY 4% OUTSIDE CHINA DRIVEN BY ECONOMIC ACTIVITY, DOWN BY 12% INCLUDING CHINA

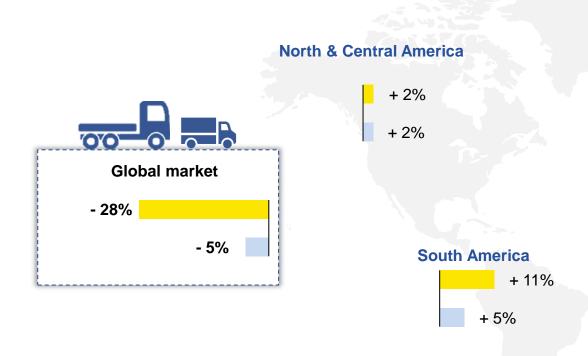
OE

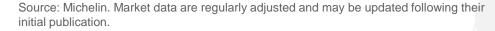
RT



### **TRUCK TIRE MARKETS, Q1 2022**

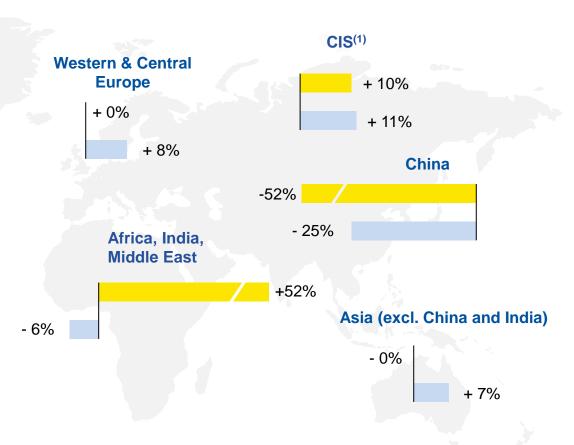
(% change YoY, in number of tires)





(1) Commonwealth of Independent States. Markets as of February 28, 2022: due to the situation in Eastern Europe, market data for March are not available.









# SALES BY CURRENCY AND SEGMENT OPERATING INCOME (SOI) IMPACT

<b>% of s</b> Q1 20 12-month	022	<b>Q1 2022</b> currency change vs. €	<i>Dropthrough</i> * sales → SOI	
USD	36%	+ 7.5%	35% / 45%	
EUR	31%	-	-	
CNY	6%	+9.7%	25% / 30%	
BRL	4%	+ 11.5%	-30% / -20%	
CAD	3%	+ 7.4%	25% / 30%	
GBP	3%	+ 4.8%	25% / 30%	
AUD	2%	+ 0.5%	80% / 85%	

<b>% of s</b> Q1 20 12-month	022	<b>Q1 2022</b> currency change vs. €	Dropthrough* sales → SOI
RUB	2%	- 8.3%	25% / 30%
JPY	1%	- 2.0%	80% / 85%
MXN	1%	+ 6.3%	80% / 85%
TRY	1%	- 43.1%	25% / 30%
THB	1%	- 1.6%	-130% / -100%
Others	9%	-	-

To read the table: illustration with impact of USD change on sales and SOI is Sales x 36% x 7.5% x  $\sim$ 40% = impact on SOI ( $\sim$ +1.1%)

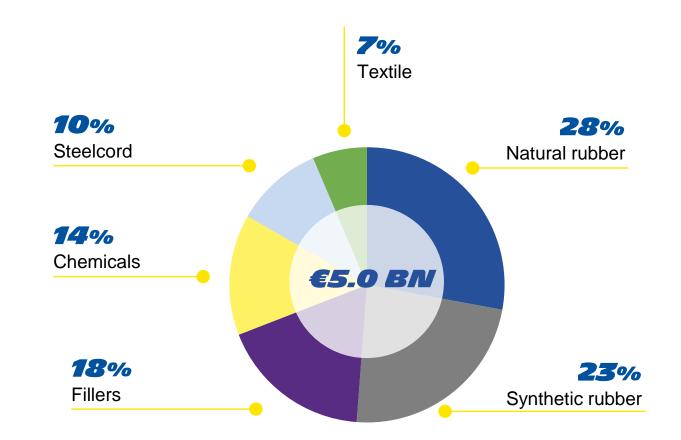
impact on sales +2.7%



<sup>\*</sup> dropthrough linked to the export/manufacturing/sales base



# **COST OF RAW MATERIAL USED IN PRODUCTION IN 2021**











#### NATURAL RUBBER PRICE TREND



# TSR20 and RSS3 in \$/kg

**TSR20** RSS3 Quarterly average TSR20 & quarterly evolution in % 1.4 1.3 1.3 1.4 1.5 1.3 | 1.1 | 1.3 | 1.5 | 1.7 | 1.7 | 1.7 | 1.7 1.5 1.4 1.5 1.3 1.4 +20% -4% +26% +26% -27% -0% -7% +2% -4% -5% -5% +10% +8% -11% +2% -2% -17% +16% +21% +8% -1% 0% 2,6 2,4 2,2 2,0 1,8 1,6 1,4 1,2 Q1'16 Q2'16 Q3'16 Q4'16 Q1'17 Q2'17 Q3'17 Q4'17 Q1'18 Q2'18 Q3'18 Q4'18 Q1'19 Q2'19 Q3'19 Q4'19 Q1'20 Q2'20 Q3'20 Q4'20 Q1'21 Q2'21 Q3'21 Q4'21 Q1'22

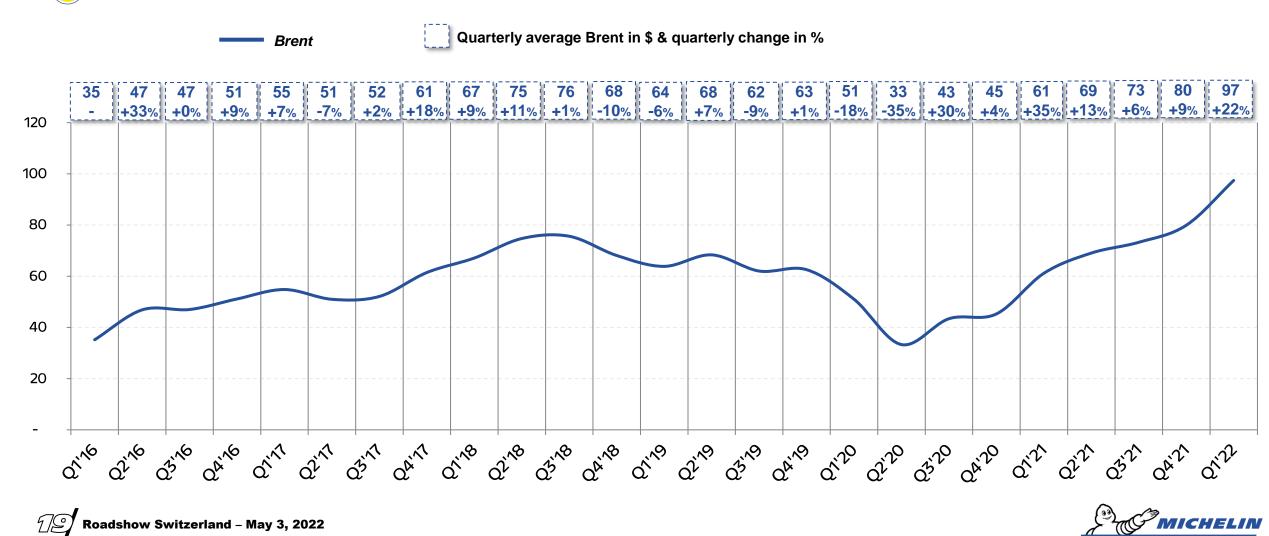
Source: SICOM



MICHELIN









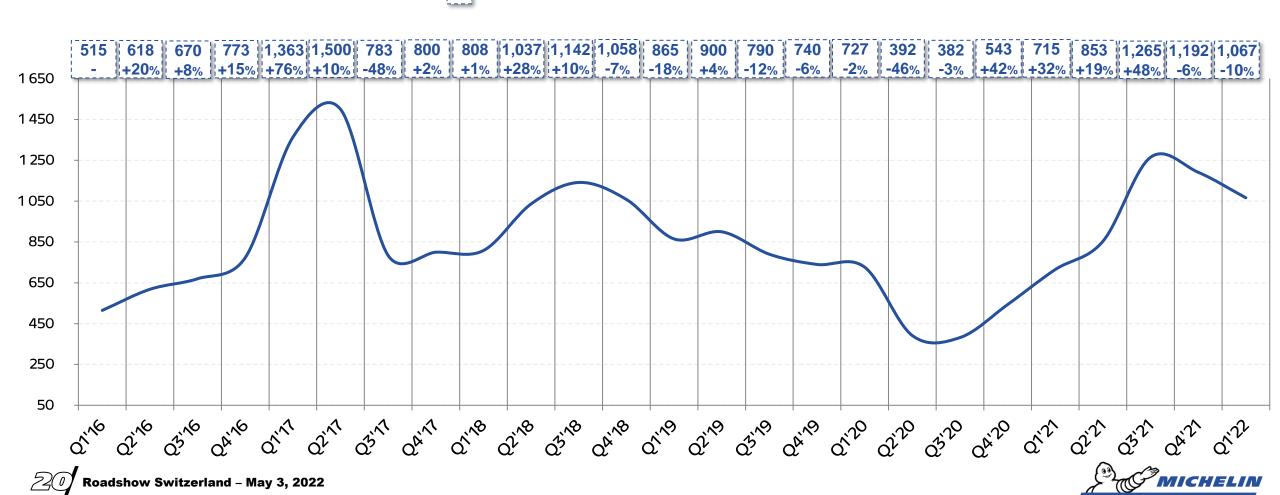




# Butadiene in €/t

\_\_\_\_\_ Butadiene Europe

Quarterly average Butadiene & quarterly change in %





# REPORTED 2021, 2020 AND 2019 FINANCIAL HIGHLIGHTS

(in € millions)	2021	2020	2019
Sales	23,795	20,469	24,135
Segment EBITDA	4,700	3,631	4,763
Segment EBITDA margin	19.8%	17.7%	19.7%
Segment Operating Income	2,966	1,878	3,009
Segment Operating margin	12.5%	9.2%	12.5%
Other Operating income and expenses	(189)	(475)	(318)
Net income	1,845	625	1,730
Basic earnings per share (in €)	10.31	3.52	9.69
Capital expenditure outlays	1,441	1,323	1,715
Free cash flow*	1,357	2,004	1,142
Gearing	18.6%	28.0%	39.2%

<sup>\*</sup> Definition: see slide 63







# FY 2021: €1.4BN IN FREE CASH FLOW<sup>(1)</sup>, SUPPORTED BY A STRONG €4.7BN IN EBITDA. 10.3% ROCE<sup>(1)</sup>, IN LINE WITH THE 2023-2030 TARGET OF ABOVE 10.5%



#### Free cash flow<sup>(1)</sup>

(in € millions, including JV financing and acquisitions)

Segment EBITDA	4,700
Change in net trade working capital	(824)
of which inventories	(1,106)
Tax and interest paid	(769)
Capital expenditure outlay	(1,441)
Acquisitions	(107)
Restructuring	(214)
Other	12
Free cash flow <sup>(1)</sup>	1,357

<sup>(1)</sup> See slide 63 for the definition



# Return on capital employed

In 2021, the Group continued to deploy its value creation strategy, in line with its 2023-2030 ambitions:

- Improving margins:
  - Margins protected from rising costs with dynamic pricing management
  - Market share gains in 18-inch and larger tires
  - Priority focus on the MICHELIN brand
- Optimizing capital employed:
  - Working capital requirement: disciplined DSO/DPO management, sustained deployment of the inventory reduction strategy
  - Non-current assets: capital expenditure per unit in line with industry benchmarks

# Analysis of ROCE









# CAPEX: ~€600/€700M INCREASE IN 2022-2023 TO MAKE UP FOR POSTPONEMENTS AMID THE 2020-2021 CRISIS

# Committed and planned capital expenditure (1)

(in € billions)





## **Key points**



## Capex stable as a % of sales:

- Investing in growth segments:
  - MICHELIN brand
  - Automotive mix
  - Specialties
- Optimizing routine capex
- Digital manufacturing and competitiveness





## Growth in capex:

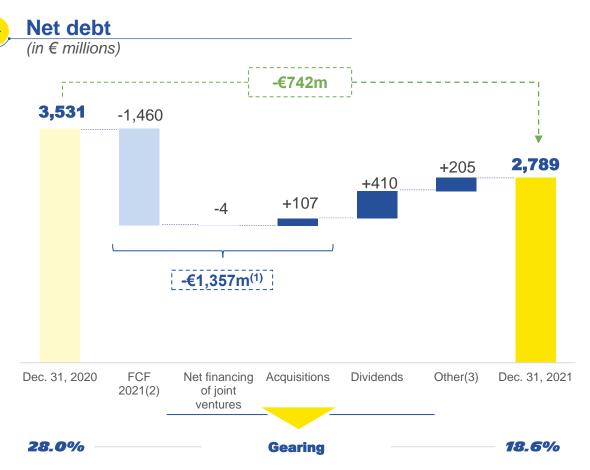
- Services and Solutions
- Flexible composites
- Increased capex in sustainable materials and to reduce the carbon intensity of operations and product: ~€300m/year
- JV financing (excluding capex)
  - around €50 million/year







# *18,6% GEARING AT END-2021* A ROBUST FINANCIAL POSITION CONFIRMED BY THE RATING AGENCIES



Agency ratings at end-2021
Compagnie Générale des Établissements Michelin

Short term	S&P Fitch	A-2 F2
Long term	S&P Fitch Moody's <sup>(4)</sup>	A- A- A3
Outlook	S&P Fitch Moody's <sup>(4)</sup>	Stable Stable Stable

<sup>(4)</sup> A Moody's rating is no longer solicited as of July 1, 2020.

<sup>(1)</sup> Free cash Flow, see definition slide 63

<sup>(2)</sup> Free cash flow before M&A and JV financing

<sup>(3)</sup> Mainly new leases, forex impact



	Issuer	Compagnie Générale des Établissements MICHELIN										
	Issue	Senior Note	Senior Note	Senior Note	Senior Note	Senior Note	Senior Note	Senior Note	Senior Note	Senior Note		
	Туре	Convertible	Bond	Bond	Bond	Bond	Bond	Bond	Bond	Bond		
Princ	cipal Amount	\$ 600m	€ 750m	€ 300m	€ 500m	€ 1,000m	€ 500m	€ 750m	€ 500m	€ 302m		
Off	fering price	95.50%	99.10%	99.081%	99.89%	99.262%	99.54%	99.363%	99.46%	98.926%		
	ng corporation ssuance date	A- (S&P) A3 (Moody's)	A- (S&P) A3 (Moody's)	BBB+ (S&P) A3 (Moody's)	A- (S&P) A- (Fitch)	A- (S&P) A3 (Moody's)	A- (S&P) A- (Fitch)	A- (S&P) A3 (Moody's)	A- (S&P) A- (Fitch)	A- (S&P) A3 (Moody's)		
Currei	nt corporation rating	A- (S& P) ; A3 (Moody's) ; A- (Fitch)										
	Coupon	ZERO Conv premium 130%	0.875% p.a	1.750% p.a	0.000% p.a	1.750% p.a	0.250% p.a	2.500% p.a	0.625% p.a	3.250% p.a		
Is	ssue Date	10-jan18	3-sept18	28-may-15	2-nov20	3-sept18	2-nov20	3-sept18	2-nov20	30-sept15 & 30-sept16		
	Maturity	10-nov23	3-sept25	28-may-27	2-nov28	3-sept30	2-nov32	3-sept38	2-nov40	30-sept45		
Inter	rest payment	N/A	Annual Sept 03	Annual May 28	Annual Nov 02	Annual Sept 03	Annual Nov 02	Annual Sept 03	Annual Nov 02	Annual Sept 30		
	ISIN	FR0013309184	FR0013357845	XS1233734562	FR0014000D31	FR0013357852	FR0014000D49	FR0013357860	FR0014000D56	XS1298728707		
Dei	nomination	\$ 200'000 with min. tradable amount \$ 200'000	€ 100'000 with min. tradable amount € 100'000	€ 1'000 with min. tradable amount € 1'000	€ 100'000 with min. tradable amount € 100'000	€ 1'000 with min. tradable amount € 1'000						

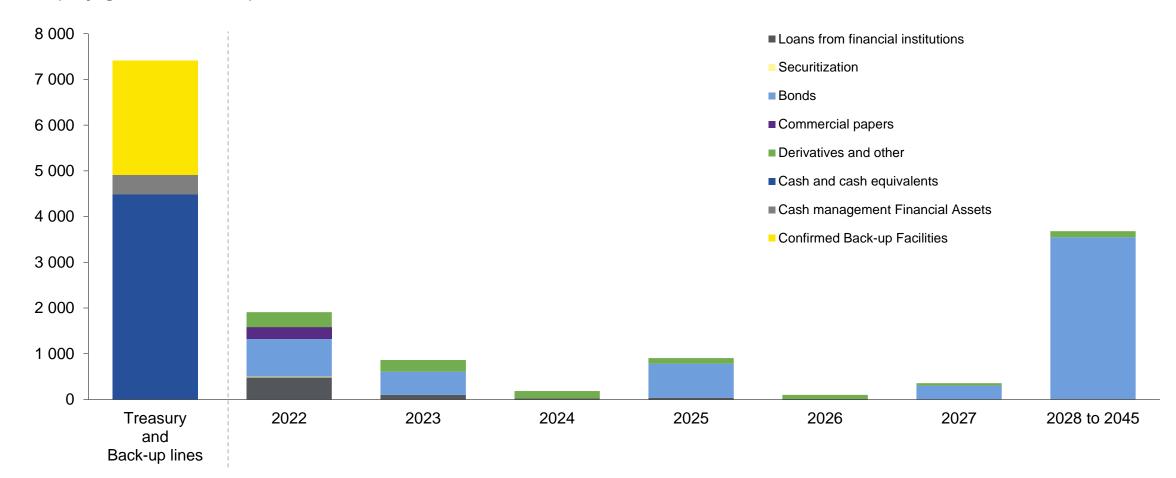


# A COMFORTABLE CASH POSITION WITH MATURITIES SPREAD OVER TIME



## **Debt maturities at December 31, 2021**

(carrying amount, in € millions)







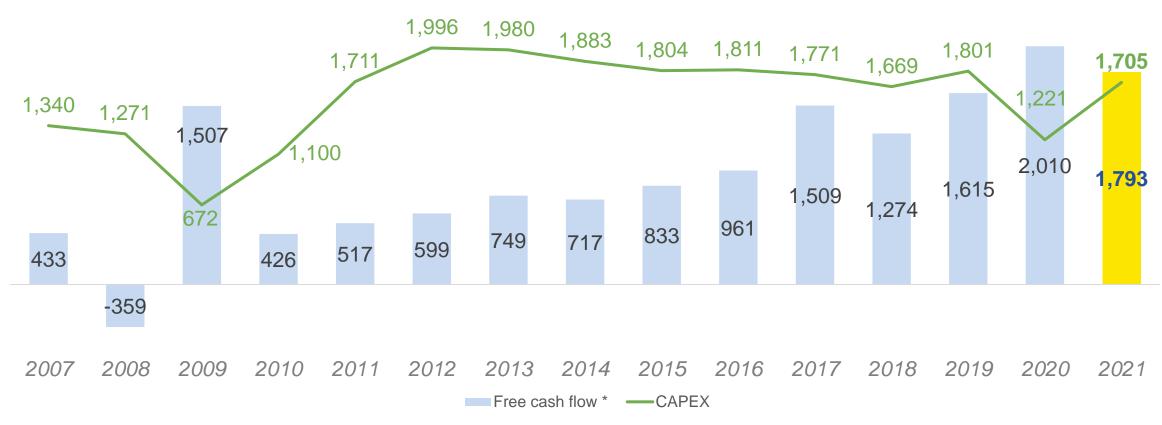


# 2007 – 2021: GROUP CAPACITY TO PROTECT AND IMPROVE ITS FREE CASH FLOW GENERATION



#### 2007 - 2021 Free Cash flow\* and CAPEX

(In € millions)



<sup>\* 2007-2010</sup> reported Free Cash flow, structural Free Cash flow from 2011 (see definition slide 63)







(€ p.s.)

# IN 2021, DIVIDEND AT €4.50 PER SHARE, INCREASED BY 22% VS. PRE-COVID LEVEL

#### **HISTORICAL PAYOUT RATIO PAYOUT RATIO AMBITION** Before non-recurring items €4.50\* €2.85 €3.25 €3.55 €3.70 €2.00 €2.30 Dividend €2.50 ~50% 47% 42% 41% 37% 37% 36% 36% 20%

2020

2021

## **CONSISTENTLY DELIVERED ABOVE 35% DIVIDEND PAYOUT**

2018

2019

2017

(except the dividend voted in 2020 for 2019 due to the pandemic)

Anti-dilutive / opportunistic share buyback program

\* Subject to approval by the Annual Shareholders Meeting of May 13, 2022

2016



2014

2015



# AUTO RT (1) & 2-WHEEL



Cyclicality: very low

Main drivers: Miles driven

## **TRANSPORTATION**



Cyclicality:

GDP & PMI

low





- Cyclicality: very high
- Main drivers: regulation & **GDP**





Main drivers : Cyclicality: high Main drivers : GDP,

commodity prices, public

spending



Original equipment







# **DETAILED STRATEGIC SCORECARD: IN LINE WITH 2030 VISION**

	AMBITIONS	<b>,</b>	METRICS	2030 SUCCESS		RESULTS	
					2019	2020	2021
	Be world-class in employee engagement	$\supset$	Engagement rate	>85%	80%	82% <sup>(1)</sup>	80%
288	Be world-class in employee safety		TCIR <sup>(2)</sup>	<0.5	1.43	1.19	1.29
People	Be a reference in diversities and inclusion of teams		IMDI <sup>(2)</sup>	80 pts over 100	-	62	67
	Be best-in-class in value created for customers		NPS <sup>(2)</sup> partners	+10 pts vs. 2020	38	40.5	38.9
	Deliver substantial growth		Total sales (in €bn)	+5% CAGR 2023-2030	24.1	20.5	23.8
	Deliver continuous financial value creation		ROCE <sup>(2)</sup>	>10.5%	10.0%	6.0%	10.3%
Profit	Maintain MICHELIN brand power		Brand vitality quotient	+5 pts vs. 2021	-	58	68
	Maintain best-in-class innovation pace in products and services	29.	Brand vitality Index	>30%	30%	29%	31%
	Reach carbon neutrality by 2050 (manuf. and energy)		CO <sub>2</sub> emissions scopes 1&2	(50%) vs. 2010	<b>(24.8%)</b> 2,919Kt	(36.5%) 2,463Kt	(29%) 2,763 Kt
	Contribute to reaching carbon neutrality (usage)		Products energy efficiency (scope 3)	+10% vs. 2020	-	100	100.5
Planet	Be best-in-class in environmental footprint of industrial sites	\\ \tag{\tag{\tag{\tag{\tag{\tag{\tag{	i-MEP <sup>(2)</sup>	-1/3 vs. 2019	100	-	92.6
	Reach full circularity of products by 2050	56	Sustainable Material Rate	40%	26%	28%	29%

<sup>(1)</sup> Based on the 2021 scope of reporting, the 2020 rate was 82%, versus 83% as reported based on the 2020 scope.

<sup>(2)</sup> TCIR = Total Case Incident Rate; IMDI = Inclusion and Diversities Management Index; NPS = Net Promoter Score; ROCE = Return on Capital Employed; i-MEP = industrial - Michelin Environmental Performance, see p.151 of the 2021 Universal Registration Document







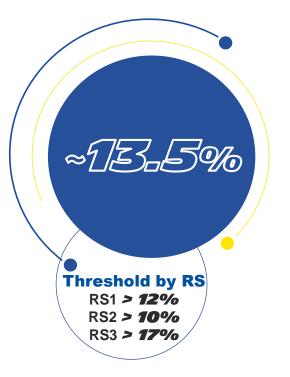
# MICHELIN IN MOTION: COMBINING GROWTH AND VALUE CREATION AS OF 2023













<sup>\*</sup> Return on Capital Employed (definition on slide 63), annual target



# CAPITAL MARKETS DAY, APRIL 8, 2021: RELIVE THE EVENT

A dedicated page has been created for the event on the <a href="www.michelin.com">www.michelin.com</a> website. It features a number of <a href="replayable">replayable</a> videos that review the day's presentations and offer insight into the following themes, which are going to drive the Group's sustainable growth:



- Michelin's Environmental Leadership: Focus on the Automotive segment
- <u>Industry 4.0</u>: a key lever to improve our industrial efficiency
- <u>Services and Solutions</u>: understanding customer needs and how our products are used enables us to develop and offer high value-added solutions
- <u>High-Tech Materials</u>: leveraging our R&D expertise in materials, to develop new growth avenues
- Metal 3D Printing: a unique offering in a very high-potential market
- Hydrogen: becoming a global player in hydrogen mobility











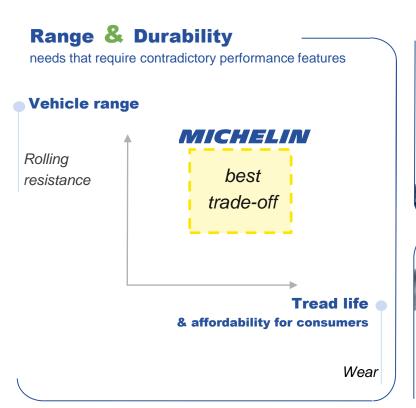


# ELECTRIC VEHICLES: MICHELIN HAS ALL THE STRENGTHS NEEDED TO SUSTAINABLY REMAIN THE SEGMENT LEADER



# Production facilities already meet the technological challenge

#### Michelin offers the most effective solutions...



#### **Noise**

Michelin No. 1 with its solutions

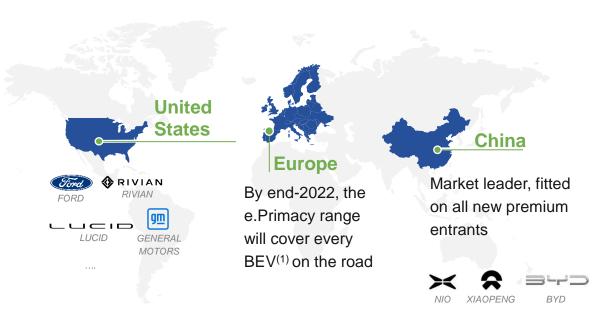






To support vehicles that are 20% to 30% heavier

# ...to support its sustainable leadership



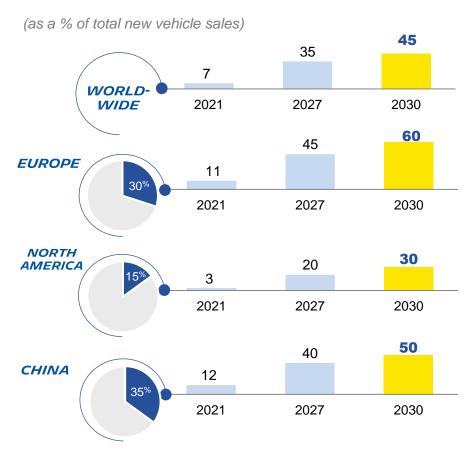
- Michelin: partner of all OEMs involved in electrification
- ▶ OE BEV market share<sup>(2)</sup>: sustainably twice as high as total OE market share
- (1) Battery Electric Vehicle
- (2) Share of the original equipment market for battery electric vehicles





# GROWING EV SALES OFFER AN OPPORTUNITY TO MOVE THE TIRE MIX UPMARKET

#### Strong growth in battery electric vehicle uptake by 2030...

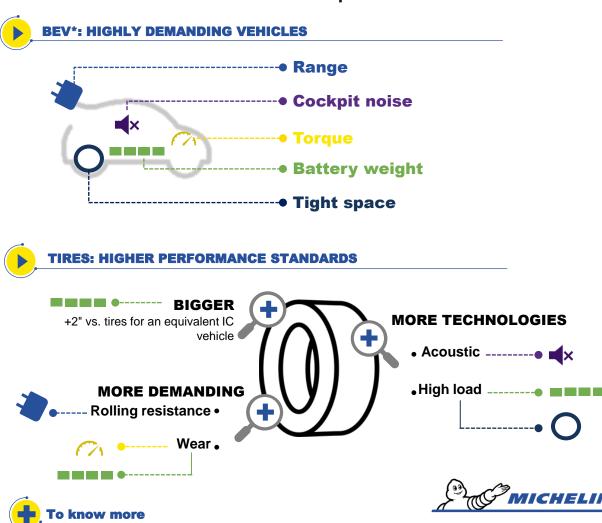


Source: Michelin

\* BEV: battery electric vehicle

Roadshow Switzerland - May 3, 2022

...will move the tire mix sharply upmarket by raising performance standards





# TBC CORPORATION: A SUCCESSFUL INTEGRATION THAT IS ALREADY DELIVERING STRONG CASH FLOWS

**OBJECTIVES** 

Improve customer service

Improve margins and cash flow

INITIATIVES

**145** → **112** warehouses

Optimize geographic coverage

Deploy a seamless ERP(1)

system across the JV

Practice price discipline Reduce SG&A expense Reduce working capital requirement

- Reduce average DIO by 25% at end-Dec. 2021 vs. Dec. 2019
- · Get DSO and DPO under control

**OUTCOMES** 

### **Integrated supply chain**

- Shorter delivery times & lower service costs
  - Improved product availability

+54 of NPS<sup>(2)</sup>
Dec. 2021 vs. Dec. 2019

#### Margins & cash

(in € millions)	20	21	2019		
Sales	4,4	182	4,401		
EBITDA	321	7.2%	170	3.9%	
Net income/(loss)	43	1.0%	(32)	(0.7%)	

# Early repayment of \$200m

in shareholder loans(3) in 2021

#### **0 financial liabilities**

to outside lenders

# An integrated supply chain Ouebec S. N. B. Ouebec S. N.

# Roadshow Switzerland – May 3, 2022

# ROBUST ACCESS TO THE NORTH AMERICAN MARKET TBC = 2<sup>ND</sup> LEADING WHOLESALER

- (1) Enterprise Resource Planning
- (2) NTW's Net Promoter Score
- Repayment two years ahead of schedule. The \$200 million in outstanding capital will be repaid at maturity in 2023, split 50/50 between Michelin and Sumitomo Corporation.





# TRUCKS: NEW CHALLENGES AHEAD FUELING GROWTH OPPORTUNITIES ON VALUE CREATIVE MARKETS

### Fleets in search of increased efficiency

Additional opportunities with connected vehicles



### Acceleration in sustainable transportation

Original Equipment with the new VECTO standards



### Acceleration in "Last mile delivery"

E-commerce: +36% of professional vehicles in the city center by 2025\*



### Connected solutions focused on efficiency

- Uptime optimization
- Reduction of maintenance costs
- Tracking, routing, etc.

### Solutions to improve environmental footprint

- New optimized products:
  - Rolling resistance
  - Sustainable material rate
  - Long-lasting performance
- Strengthening of the retreading business
- Michelin Green Mobility / Watea

### Targeted offers for "last mile" fleets

- Renewal of the offering
- Bespoke solutions for "last mile" fleets:
  - Tire delegation
  - Fleet management

\* Source: Accenture Research







# SPECIALTIES: POSITIONED TO CAPTURE CYCLE UPSIDE THROUGH DIFFERENTIATION

### **Product Differentiation**

- · Performance and braking
- Wet grip, for new and used tires
- Tire resistance
- Connected tire (e.g., MEMS or TPMS)
- Increase in loads carried and driving speeds
- Reduced of compaction of agricultural soils
- Lower energy consumption and CO<sub>2</sub> emissions
- Mass efficiency
- Recyclable products

MICHELIN XDR - 63"



SAFETY

**OPERATIONS CONTINUITY** 

OPERATIONS PRODUCTIVITY

SUSTAINABILITY

### **Service Differentiation**

- On-site auditing
- On-site inspections and connected preventive maintenance
- Real-time monitoring of mining and agricultural tires
- Engineering (e.g., conveyors)
- End-of-life product management

ON-SITE INSPECTION AND MAINTENANCE



**RECYCLING** 





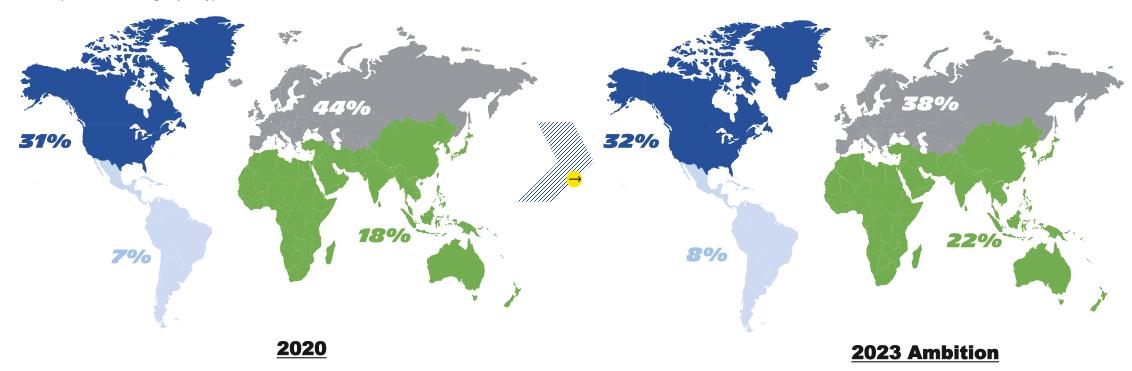




### COMPETITIVENESS PLAN: REBALANCING OUR INDUSTRIAL FOOTPRINT TO BECOME MORE LOCAL-TO-LOCAL

#### **SEIZING POSITIVE MOMENTUM IN EMERGING MARKETS**

(% Manufacturing capacity)



Increase local-to-local ratio
Reducing inventories and CO<sub>2</sub> emissions
Best-in-class supply chain



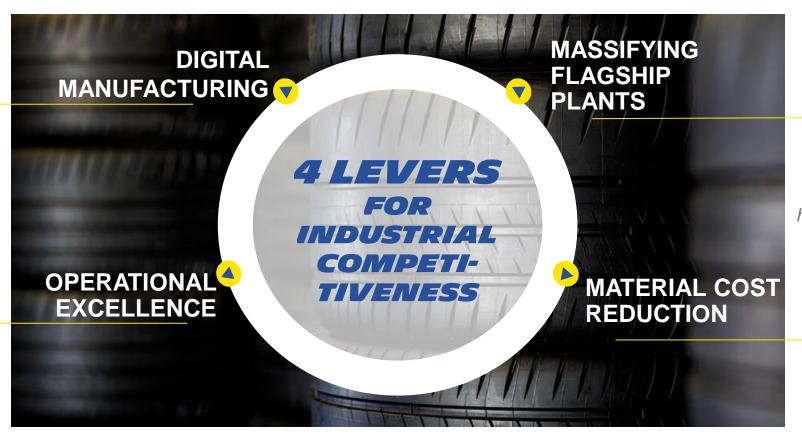




# MANUFACTURING COMPETITIVENESS PLAN: 4.0 PLANTS TO MAKE OUR INDUSTRY MORE PRODUCTIVE AND FLEXIBLE

Automation Artificial Intelligence

Flexibility
Simplexity
Process
Standardization



### Responsiveness Cost optimum

In 2025, 16 major sites will have an average production capacity of 140Kt

> Design to cost Scrap reduction Upstream gains





# SG&A TIRE COMPETITIVENESS PLAN: CONTINUING SIMPLIFICATION ACTIONS TO INCREASE PRODUCTIVITY

Leveraging new technologies (AI)

Digitalizing operations



Standardizing best practices

Decision making closer to customers

Developing shared service centers

Reengineering end to end processes







# THE GROUP IS CONTINUING TO SUCCESSFULLY INTEGRATE ITS STRATEGIC ACQUISITIONS



#### SUCCESSFUL INTEGRATIONS WITH, AROUND AND BEYOND TIRES









In 2021, the Michelin Connected Fleet brand began consolidating all our fleet Services & Solutions under a single identity, thereby stepping up the pooling of Sascar, Masternaut, NexTrag and Michelin resources and platforms.





The proportion of Tier 2 brands in total output tripled in 2021 to 55%. These brands offer higher value-added than the Tier 3 brands initially produced by Multistrada. The plant's production capacity is continuing to be expanded according to schedule.





From polymer engineering for medical implants to innovative designs in flexible industrial composites, Michelin is demonstrating its ability to successfully grow beyond tires.



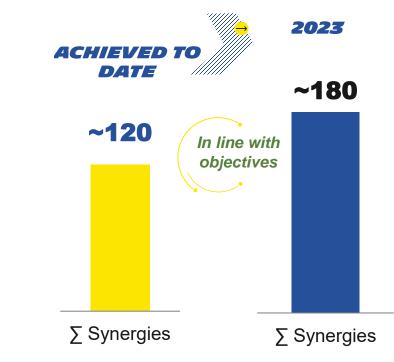


Pooling sales forces and leveraging the strong fit between Camso and Michelin's offerings have generated additional sales, while reducing selling & administrative costs.



#### **CUMULATIVE NET INCOME SYNERGIES\***

(in € millions)



\* Over the full year







### WEAR PARTICLES: MICHELIN HAS A CONSIDERABLE COMPETITIVE ADVANTAGE, WITHOUT COMPROMISING SAFETY



"Low tyre abrasion and safe driving characteristics: Michelin shows how it [should be] done"

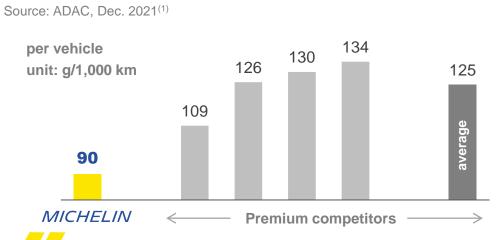
(ADAC, Dec. 2021<sup>(1)</sup>)

leader

Michelin is continuously improving the performance of its products thanks to its unrivaled expertise

CrossClimate +

### Particulate emissions: Michelin vs. other premium tiremakers



The environmental impact of tire abrasion is up to 50% higher for other manufacturers than for Michelin, whose tire technology currently gives them an enormous lead over the competition.

Particulate emissions are being reduced with each new range(2) **MICHELIN MICHELIN MICHELIN** 

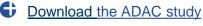
Primacy 4





MICHELIN

Pilot Sport 5







DEKRA studies in 2020 (MARK20B, MARK20E) and 2021 (MARK21E)



# TIRE AND ROAD WEAR PARTICLES (TRWP): DEFINITION AND STATE OF KNOWLEDGE

TRWP are tiny debris generated by abrasion from a tire's contact with the road surface.

This abrasion is caused by the tire's grip and keeps the tire safely on the road.

Scientific studies<sup>(1)</sup> have started to **measure the environmental impact of TRWP:** 



#### 4IR

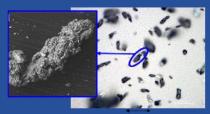
Studies confirm that TRWP account for only a very small proportion (<1%) of particulate matter pollution



#### WATER

Studies suggest that TRWP sediment and degrade quickly, so that 50% disappear in 16 months

### TRVVP



5 x 10<sup>-2</sup> mm

- Composition: mixture of rubber and road surface minerals
- High density: 1.8
- Diameter: ~100 μm
   (100 times smaller than microplastics)



Michelin strongly favors a regulation that would limit the level of wear particles emissions of all tires worldwide. Michelin contributes with the ETRMA<sup>(2)</sup> members to the definition of a standardized test method of TRWP emission rate, to eliminate the least performing tires from the market with a threshold regulation.

(1) For more information about TRWP, see the following document, which cites the studies in question

(2) European Tyre & Rubber Manufacturers Association

Download the ADAC study •

Tyre wear particles in the environment (Dec. 2021)











# FIVE ADJACENT ECOSYSTEMS IDENTIFIED AS GROWTH AVENUES

ECOSYSTEMS		PROMISING BUSINESSES	RATIONALE	CONTRIBUTION TO PROFITABLE GROWTH	
	SERVICES & TECH SOLUTIONS	Innovate to capture every new opportunity in IoT and emerging technologies	<ul> <li>Mobility services and digitization: key focus for all Michelin customers</li> </ul>	LEADERSHIP POSITION	
HIGH-TECH MATERIALS	HIGH-TECH FLEXIBLE COMPOSITES	Leverage our core businessto develop other areas in which we can play an important role	<ul> <li>A solid basis to target attractive and synergetic markets</li> </ul>	SIGNIFICANT GROWTH	
	Medical	SOLESIS Early-maker in Medical, Hydrogen,		FINANCIAL	
	Hydrogen	### and 3D Metal Printing  ### SYMBID with ESG focus and transition	• Three promising ecosystems	VALUE CREATION	
	3D Metal Printing	towards carbon-free operations  Add∪p			







# SERVICES & SOLUTIONS: DRIVING GROWTH BY CAPITALIZING ON THE DEEP CUSTOMER INTIMACY ACQUIRED IN THE TIRE BUSINESS AND BY LEVERAGING OPPORTUNITIES CREATED BY DIGITALIZATION









EFFITRAILER'



Other fleet





### Fleet management

Make operations safer, more predictable, productive, and sustainable Help find trustworthy partners and streamline your maintenance services and business processes digitally. Help customers accelerate their business with smart data and better insights.

2019 Sales €0.6bn



2023 Sales €0.7bn





# HIGH-TECH MATERIALS: STRENGTHENING OUR POSITIONS ALONG THE VALUE CHAIN



#### **CURRENT ACTIVITIES**



#### TARGET POSITIONING

Sustainable Raw Materials



Semi

**Finished** 

Finished Product







Sustainable monomers and polymers







Accelerator of differentiating technologies for tires and 'rubber goods', in the field of bio-sourced materials and recycling

Special adhesives



Compounding





Leading player in the field of special adhesives and tailor-made polymers

Coated fabrics & Reinforcements

Belting products & solutions

High-end Conveyors polymers



Advanced Sealing Technologies





Global leading player with significant position (in top 3) in targeted segments, requiring high level of technicity and demanding balance of performance

Incubation of new businesses

Partnerships & acquisition of start-ups

Synergetic M&A

to accelerate growth in high value-added markets

2023 Sales

€1.1bn

Sales €0.9bn

2019







### HIGH-TECH MATERIALS: ACCELERATING THE DEVELOPMENT OF 3 MAIN ECOSYSTEMS THROUGH PARTNERSHIPS FOR SUSTAINABLE GROWTH

### REGENERATIVE MEDICINE & CELLULAR THERAPY

SOLESIS

#### **MARKET POTENTIAL**

Cell & gene therapy

>10%

+20% **CAGR 2020-2030**  Cardio medical devices

**CAGR 2020-2030** 

#### **AMBITIONS** (1)

Becoming a leading innovation and manufacturing partner

Being the manufacturing operator customers' trust

**Cell therapy Bioresorbables Regenerative medicine** 

(1) Michelin holds a 49% stake in Solesis (equity-accounted company)

### **HYDROGEN MOBILITY**





#### **AMBITIONS** (2)

Becoming a leader in fuel cell stack systems

€0.2bn

€1.5bn

sales in 2025

sales in 2030

(2) 100% of Symbio - Michelin holds a 50% stake in Symbio (equity-accounted company)

### **3D METAL PRINTING**



### **MARKET POTENTIAL**

Medical & aerospace are the most industrial-scale end markets

+30%

~\$10bn

**CAGR 2020-2030** 

in 2030

#### AMBITIONS (3)

€100m

>€500m

sales and breakeven by 2023 sales by 2030



(3) 100% of AddUp. Michelin holds a 50% stake in AddUp (equity-accounted company)







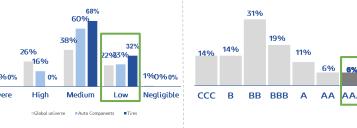


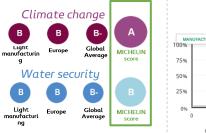
### FINANCIAL PERFORMANCE: MICHELIN, A LEADING AND RECOGNIZED ER IN SUSTAINABLE MOBILITY

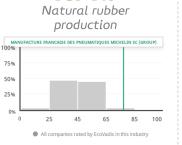
### Major sustainability rating (as of March 31, 2022)

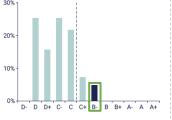
	SUSTAINALYTICS (risk rating) 2021	MSCI 2021	CDP 2021	ECOVADIS 2021	ISS ESG 2021	VIGEO EIRIS Moody's 2021
Rating	LOW RISK	AAA	A & B	78/100	B-	73/100
	SUSTAINALYTICS	MSCI (I)  MSCI ESG  RESEARCH LLC	CLIMATE WATER CHANGE SECURITY  DISCLOSURE INSIGHT ACTION  Leadershi Manageme	PLATINUM Top 184  2021  ecovadis Sustainability Rating	Corporate ESG Performance Prime ISS ESG	A1+ vgeverris
Ranking/ Distribu-	68% 60% 38% 26% 26% 13% 16%	31% 19% 14% 14% 11% 6% <b>8%</b>	Climate change  B B B-  Light Europe Global Average  9  Water security	Natural rubber production  MANUFACTURE FRANCAISE DES PNEUMATIQUES MICHELIN SC (GROUP)  100%  75%  50%	30% - 20% -	<b>157 OF 39</b> In the automotive

tion of ratings









sector in Europe







# NATURAL RUBBER: MICHELIN IS STRENGTHENING ITS COMMITMENT TO EFFICIENT, RESPONSIBLE NATURAL RUBBER FARMING



In response to a **fragmented** and complex industry...

Michelin procurement

### KEY FIGURES ~90% of purchased volumes come from smallholders >140 direct suppliers UP TO 7 middlemen between direct suppliers and smallholders ~2M smallholders serve Michelin ~2 HA. average farm size



### ...Michelin is strengthening its commitment to a sustainable supply chain



### 2025 objective: step up sustainability across the industry

- Land rights: more than 95% of identified at-risk supplies apply the principle of free, prior and informed consent.
- Deforestation: more than 95% of identified at-risk supplies apply the zero-deforestation principle.
- · Social and environmental risks: more than 70% of procurement volumes are assessed.



### Extend assessments of supplier practices across the value chain...

- Direct suppliers via EcoVadis: 94% of volumes assessed at end-2021, of which 79% confirmed as compliant.
- Indirect suppliers via RubberWay: 64% of volumes mapped at end-2021, with a target of 80% in 2022.
- Since 2020, a stronger partnership with WWF for more in-depth analysis of deforestation risks.

### ...to undertake impactful, real-world projects



- **Brazil** partnership with WWF: increasing the rubber harvest to have a positive economic impact on 3,800 families in the State of Amazonas, while preserving the forest (6.8 million hectares under management).
- Indonesia partnership with Porsche: improving the skills of 1,000 smallholders identified with the RubberWay™ app.
- Thailand as part of the GPSNR: helping small farmers diversify their sources of income with agroforestry opportunities.
- **Africa** through SIPH: offering nearly 100,000 farmers a year training in best agricultural practices, workplace health and safety, and environmental issues.

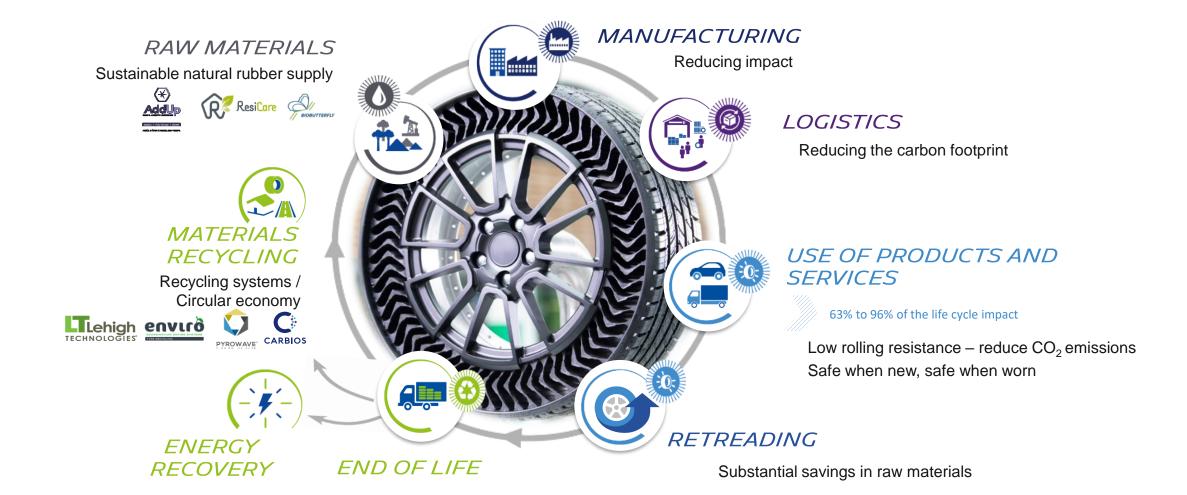








# ENVIRONMENTAL AWARENESS, THROUGHOUT THE LIFECYCLE OF MICHELIN'S PRODUCT, STARTING FROM R&D DESIGN









# ON THE PATH TO REACH FULL CIRCULARITY OF PRODUCTS WITH 40% OF SUSTAINABLE RAW MATERIALS IN 2030, 100% IN 2050



(1) European project funded by Horizon 2020, project number: 82068(2) With the support of ADEME (ADEME: French Environment & Energy Management Agency)

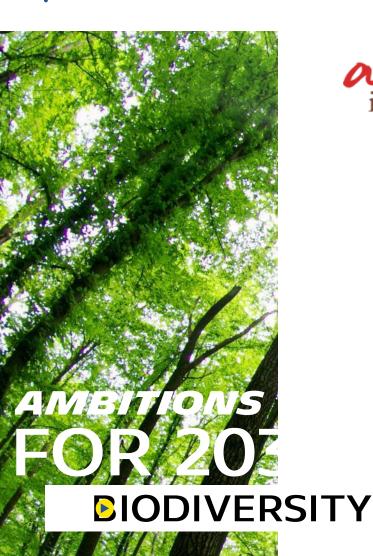
In 2021, Michelin has equipped the Green GT endurance car for 24H of Le Mans, with a 46% sustainable material tire







### ENVIRONMENT PROTECTION: MICHELIN IS A LEADER IN ACTING FOR BIODIVERSITY **PROTECTION**



Roadshow Switzerland - May 3, 2022

The natural rubber used by ac(4nature international the Group complies with the environmental criteria of the 025, 50% Oc Natural Rubber OBJECTIVE **2030** All new product Policy" lines and services **80**% marketed in 2030 OF THE VOLUME USED have undergone a **Life** Cycle Assessment (LCA) including biodiversity criteria drawn other than natural from best practice rubber, that are identified  $(\mathscr{Q})$ LCA methods. as having the greatest RESEARCH AND RAW have been assessed on DEVELOPMENT MATERIALS their policy and practices. OBJECTIVE **2030** 100%

> Our sites respect the " "zero phytosanitary products\*" commitment for the maintenance of green spaces.

Implementation of a biodiversity management plan at our production sites adapted to local issues.

PRODUCTION SITES

OBJECTIVE 2030

*100%* 

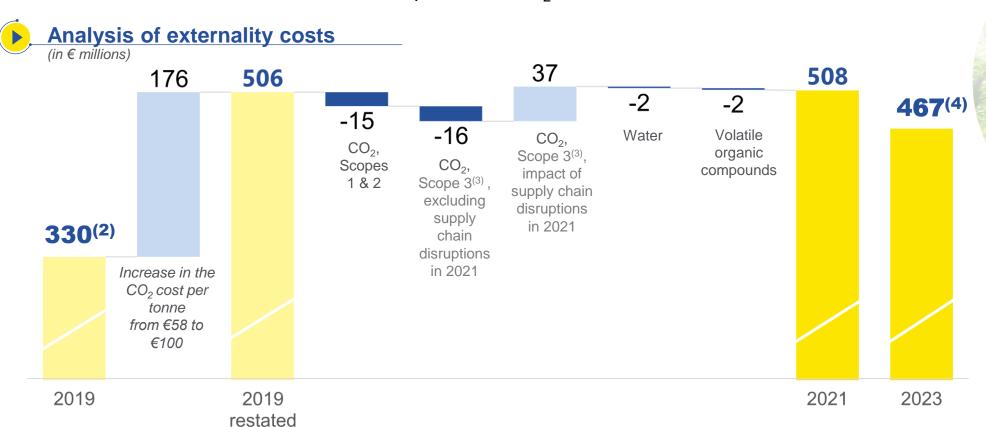
of raw materials,

OBJECTIVE **2030** 80%



# MICHELIN IS PURSUING PROGRAMS TO REDUCE ITS CO<sub>2</sub> EMISSIONS, VOC <sup>(1)</sup> EMISSIONS AND WATER WITHDRAWALS

In response to supply chain disruptions, the Group occasionally had to resort to more costly workarounds on an as-needed basis, which penalized CO<sub>2</sub> emissions in 2021.



Scope
Direct emissions
sources owned or
controlled by the company

2 Indirect emissions energy purchased by the company

3 Indirect emissions
all other emissions related
to the company's business
activities and the use of
finished products

(4) Corresponds to the 2023 target of approximately €300m announced at the CMD on April 8, 2021, adjusted for the ton of CO<sub>2</sub> valued at €100/t and the change in method mentioned in (2)





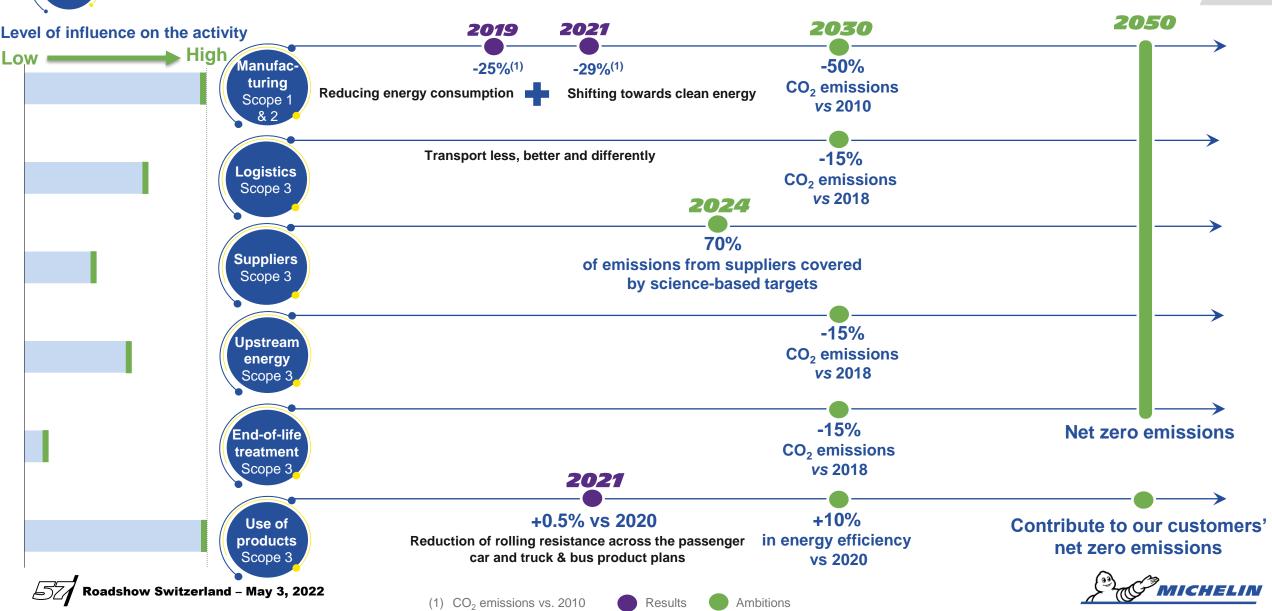
<sup>(1)</sup> Volatil Organic Compounds

<sup>(2)</sup> Including €3m from adjustments in the method of calculating transportation-related CO₂ emissions

<sup>(3)</sup> Covers only the inbound and outbound transportation and distribution of natural rubber, semi-finished products and finished product



### 2030 ENVIRONMENTAL AMBITION: ON THE PATH TO REACH NET ZERO EMISSIONS IN 2050





### INDUSTRIAL ENVIRONMENTAL PERFORMANCE: STRONG PROGRESS IN 2021 TOWARD **2030 OBJECTIVES**

### »» i-MEP **INDUSTRIAL** Michelin Environmental

Performance

### **2030 OBJECTIVES**

REDUCTION OF THE INDUSTRIAL ENVIRONMENTAL IMPACT BY 1/3 (1) THROUGH 5 PROGRAMS

2021: 92.6

2019:100

(1) i-MEP definition, see p.151 of the 2021 Universal Registration Document

Roadshow Switzerland - May 3, 2022

2021

2030 objectives

vs. 2019

-7%

(m<sup>3</sup>/t weighted by water stress index)







-8% (kg/t)







-14% (kg/t)



**-50%** (2)





-0.4%







-8%



CO, EMISSION

(2) vs 2019 (3) vs 2010

/t = ratio basis on semi-finished or finished products volumes



# DIVERSITY AND INCLUSION: PROGRESS ON ALL INDICATORS IN 2021, DEMONSTRATING THE GROUP'S COMMITMENT

**EQUAL OPPORTUNITY** 

Every employee can develop his/her talents within the company. Michelin pays particular attention to the internal promotion of manufacturing operators.

### DISABILITY

Michelin offers career paths to people of all abilities according to its talent development policy.



**IMDI** (1)

### **GENDER BALANCE**

Achieve parity among Group executives and, by 2030, set the gender balance benchmark in our industry.

### **IDENTITY**

(All D&I\* aspects, e.g., age, sexual orientation, ethnicity, religion, etc.)
Enable every person to be who they really are and to bring their authentic selves to work.

\* Diversity & Inclusion

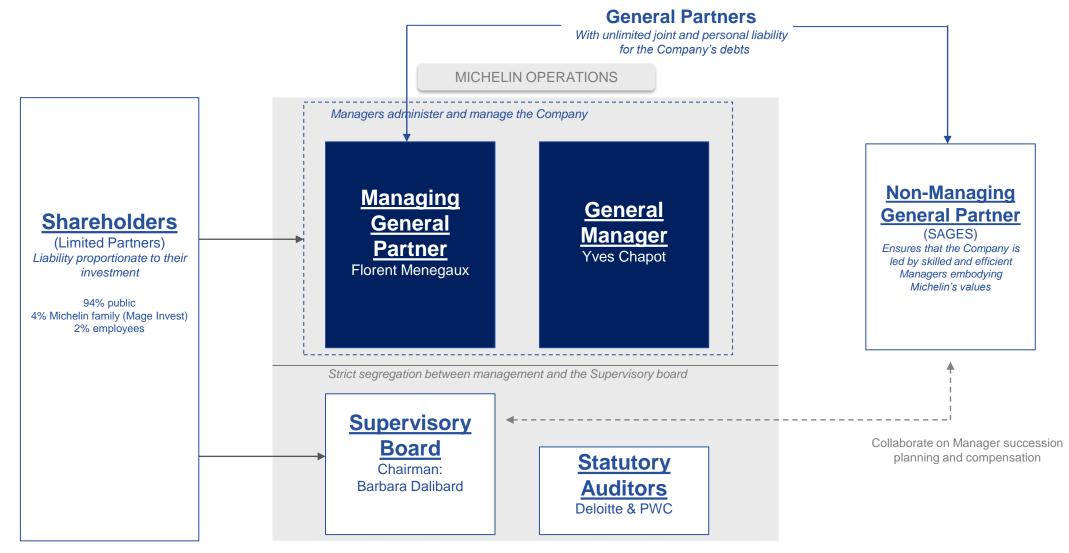
### **MULTI-NATIONAL MANAGEMENT**

All our host country nationalities and cultures are represented in all corporate functions in the operating regions and at headquarters, in line with the geographical footprint of each business.





# MICHELIN GOUVERNANCE PILLARS: CLEAR SEGREGATION OF DUTIES, DOUBLE CHECK AND BALANCE OVERSIGHT







# ESG AWARENESS AND OVERSIGHT ARE FULLY EMBODIED IN MICHELIN'S GOVERNANCE STRUCTURE





### SUPERVISORY BOARD - CSR COMMITTEE



### STAKEHOLDERS COMMITTEE

At the corporate executive level, a Stakeholders Committee set up in 2016 brings together 12 people representative of the Group's leading stakeholders, including suppliers, investors, unions, customers and NGOs. Four continents are represented on the Committee, which meets with the Executive Committee for a full day at least once per year.







### ESG IS MANAGED AT HIGHEST LEVEL BY AN INCENTIVIZED TEAM

### Florent Menegaux, Managing Chairman, compensation for 2021

Fixed compensation €900,000

### **Annual variable compensation**

0 to 20% of profit shares

### **Performance shares rights**

Subject to performance conditions over 3 years

✓ Allocation limited to 0.05% of the Company's share capital
✓ Maximum set at 100% of annual fixed compensation

The annual variable component is fully integrated in the profit shares





#### Quantitative and qualitative criteria:

1. Group's strategic deployment

**Quantitative criteria** 

- 2. Employee safety
- 3. Synergies from acquisitions



0 to 16% of the profit shares

0 to 4% of the profit shares

1. Market performance: Michelin's share price vs. change in Stoxx Europe 600 index (annual average)

Weight: 30%

- 2. CSR performance
- i-MEP, industrial Michelin Environmental Performance
- Employee engagement

Weight: 40%

**3. Operational performance: Sales growth** (excluding tires and distribution) **and ROCE** 

Weight: 30%

ESG incentives

#### Each criterion has:

- A threshold below which no amount is awarded
- An intermediate tranche between the threshold and the target ceiling, giving access to an amount ranging between the minimum and maximum on a straight-line basis
- A target ceiling, giving access to the maximum amount for the criterion

- Obligation to hold 40% of the vested shares during the entire term of office
- The allocated shares may vest subject to the following condition: the profit shares have been paid during the fiscal year preceding the year in which the shares are issued





### Free cash flow (FCF)

Free cash flow, which is stated before dividend payments and financing transactions, corresponds to net cash from operating activities less net cash used in investing activities, adjusted for net cash flows relating to cash management financial assets and borrowing collaterals.

### Structural free cash flow

Corresponds to free cash flow before acquisitions, adjusted for the impact of changes in raw materials costs on trade payables, trade receivables and inventories.

### **ROCE**

Return on capital employed is measured as follows:

- net operating profit after tax (NOPAT)<sup>(1)</sup>, calculated at a standard tax rate of 25%, corresponding to the Group's average effective tax rate;
- divided by average economic assets employed during the year (2), i.e., all of the Group's intangible assets, property, plant and equipment, loans and deposits, investments in equity-accounted companies, and net working capital requirement.

### **Tires sales**

Correspond to sales from Michelin's core business, including the Tire as a Service (TaaS) business and Distribution operations.

### Non-tire sales

Correspond to sales from the Services and Solutions (excluding TaaS and Distribution), Conveyor Belts and High-Tech Materials businesses, excluding joint ventures.

- NOPAT = Segment operating income + amortization of acquired intangible assets + the Group's share of profit from equity-accounted companies.
- Average between the opening and closing balance sheets for the year.

Free Cash Flow (FCF)

= Free Cash Flow before M&A

+/- Adjusted for the impact of changes in raw materials costs

= Structural Free Cash Flow

+ M&A



"This presentation is not an offer to purchase or a solicitation to recommend the purchase of Michelin shares. To obtain more detailed information on Michelin, please consult the documents filed in France with Autorité des marchés financiers, which are also available from the http://www.michelin.com/en/ website.

This presentation may contain a number of forward-looking statements. Although the Company believes that these statements are based on reasonable assumptions as at the time of publishing this document, they are by nature subject to risks and contingencies liable to translate into a difference between actual data and the forecasts made or inferred by these statements."





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