

Investor Update Call – Annual Result 2017 | April 26, 2018

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Philipp Kuckuck | VP Corporate Finance

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Strategic highlights



Successful execution of dual strategy addressing the current change in the automotive industry









Portfolio alignment

Innovation focus

Transforming the organization

Rapid CEO succession

MAHLE will be a driver of e-mobility, as it already is for the conventional powertrain today.

Organic sales growth three times as high as market expansion but earnings impacted by one-off effects



MAHLE Group – Key financials 2017

Sales

€ 12,788 mn

R&D ratio

5.9 %

EBITDA margin

7.5 %

Net income

€ 102 mn

Equity ratio

32.1%

Net debt/ EBITDA

1.2x

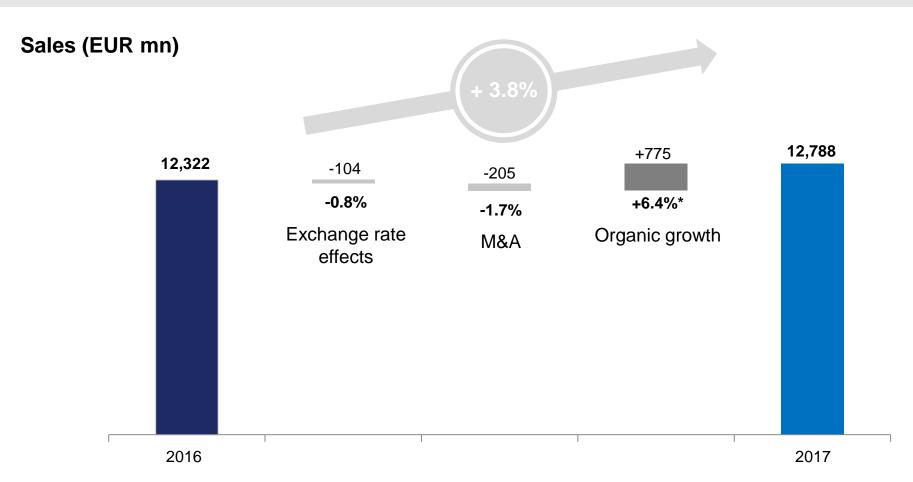
- Group sales grew by 3.8% exceeding expectations
- Organic sales growth of 6.4% clearly outperformed market expansion of 2.1%*
- Earnings negatively impacted by one-off effects
- Strong second half-year 2017
- Equity ratio temporarily below target ratio of 33.0% due to FX effects and a higher balance sheet total
- Solid net debt/ EBITDA ratio

*According to IHS light vehicle production 2017.

Financial results 2017

All business units contributed to the strong organic sales growth of more than 6%



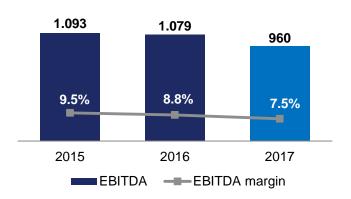


^{*} Note: To calculate the organic growth, sales from 2016 were adjusted for effects from deconsolidation.

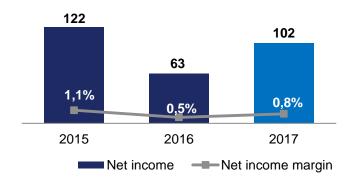
Earnings impacted by non-recurring effects



EBITDA (EUR mn)



Net income (EUR mn)



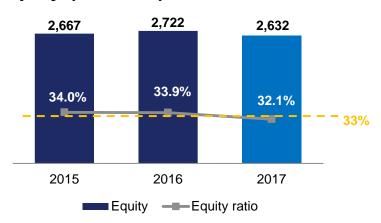
- EBITDA impacted by increased material prices and one-time effects from warranty expenses
- Amortization of goodwill and purchase price allocation from past acquisitions within EBIT amounting to 1.1% of group sales
- Improved net income by 62% due to better investment result mainly influenced by the sale of BMTS
- Several corporate initiatives for improving operational efficiency introduced

Financial results 2017

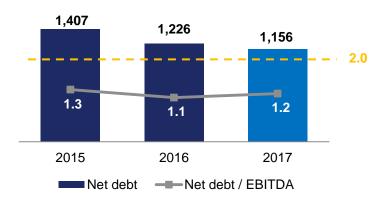
Solid net debt ratio and clear commitment to implicit investment grade rating



Equity (EUR mn)



Net debt* (EUR mn)



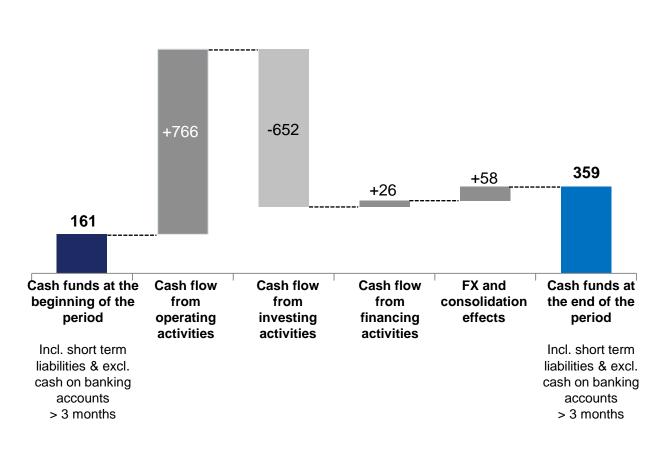
^{*} Net debt = liabilities to banks + bonds - cash in hand, bank balances and checks

- Equity ratio is below target ratio due to
 - Increased balance sheet total
 - Negative FX translation effects
 - Higher warranty liabilities and provisions
- Net debt/ EBITDA ratio still within conservative target range
- Commitment to implicit investment grade rating

Operating cash flow completely covered investments



Cash flow development 2017 (EUR mn)



- Reduced cash flow from operating activities due to cash out from EU antitrust fine, warranty claim payments and increased working capital
- High investments in property, plant, and equipment amounting to EUR 612 mn, funded by operating cash flow



Dual Strategy – focus on existing market position and future mobility trends





Strategic alignment of business portfolio



Acquisitions 2017/18

NAGARES, Spain



Vehicle control electronics

O-Flexx, Germany



Thermoelectrics technology

BrainBee, Italy



Workshop equipment and services

+5% at MAHLE Behr GmbH & Co. KG, Germany

Automotive thermal components



- Focus on core business areas & strong market position
- Continuous development of products for future mobility
- Strengthening system solution products
- Investment Focus:
 - Thermal Management
 - Mechatronics
 - Electrification

Divestments 2017/18

Forging activities

Non-core business

Sinter component activities

Non-core business

Turbochargers

BMTS (Bosch MAHLE Turbo Systems) Targeted market position not achieved

Front-end modules

HBPO (Hella Behr Plastic Omnium) Non-core business

Innovations addressing future automotive solutions













ICE & Basic 48V Mild Hybrid

Premium 48V Mild Hybrid

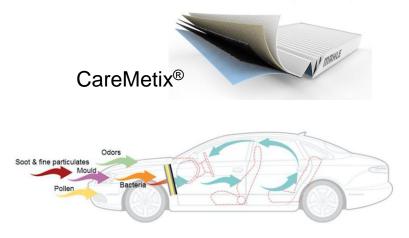
Plug-in & Full Hybrid

Battery Vehicle

Fuel Cell Vehicle

U-flex piston ring





Thermoelectric heat pump



MAHLE's differentiated innovation portfolio meets changing customer requirements.

Current thermal management developments improving energy efficiency and passenger comfort



Current solutions from established collaboration

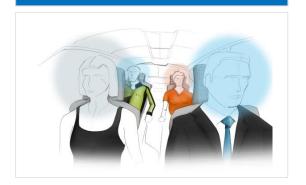
Downsized eHVAC design allows innovative cockpit architectures



Energy efficient thermal solutions



Individual passenger comfort



Combination of competences to enable innovative solutions

·faurecia

Full interior system integration



MAHLE

Holistic thermal comfort & efficiency

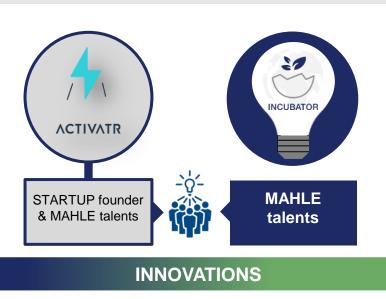


Innovative interior thermal management technologies for future mobility solutions!

Market trends and strategic positioning

Increasing flexibility of internal structures to foster innovations









Electrification offers potential for more MAHLE content in light vehicles



MAHLE CPV potential*











ICE & Basic 48V Mild Hybrid

Premium 48V Mild Hybrid

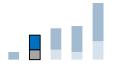
Plug-in & Full Hybrid

Battery Vehicle

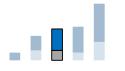
Fuel Cell Vehicle



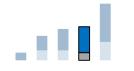
Factor: 1



x 1.3 - 1.9



x 1.3 - 2.8





MAHLE's growth drivers: higher value-added adaptive and new technologies

^{*} Range depending on future market share and strategic decisions regarding the product portfolio. CPV = Content per light vehicle; ICE = Internal Combustion Engine





Passenger cars and light commercial vehicles

Outlook Vehicle Markets* (Forecast 2018 vs. 2017)

World market	+ 1.9%
Europe	+ 2.4%
North America	+ 1.8 %
South America	+ 14.0%
Asia/Pacific	+ 0.5%
Middle East/ Africa	+ 11.0%

Medium and heavy duty vehicles

World market	- 3.2%
Europe	+ 2.1%
North America	+ 8.9%
South America	+ 13.3%
Asia/Pacific	- 8.1%

Outlook MAHLE Group

MAHLE GmbH

- Moderate organic sales growth expected in 2018
- Further pursue our dual strategy
- Intensify agile and flexible organization structures
- Commitment to target equity ratio of 33% in the following years
- Improve cost situation and further integrate recent acquisitions

Investor Relations contacts



Philipp Kuckuck Vice President Corporate **Finance**



Verena Sigel Head of Group Financing and Investor Relations



Corporate Finance Reporting and Investor Relations



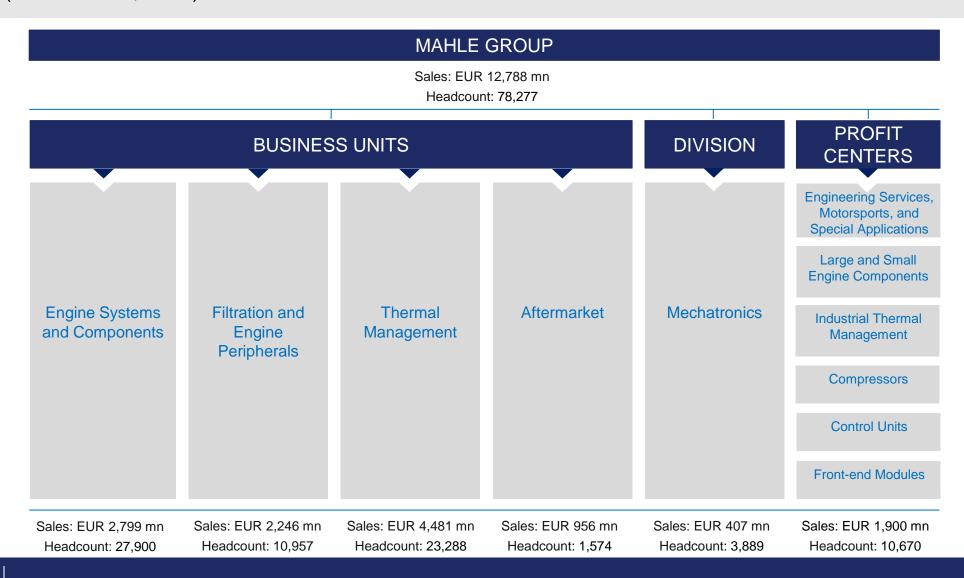
Robert Kiese Group Financing and Investor Relations

investor.relations@mahle.com http://www.mahle.com





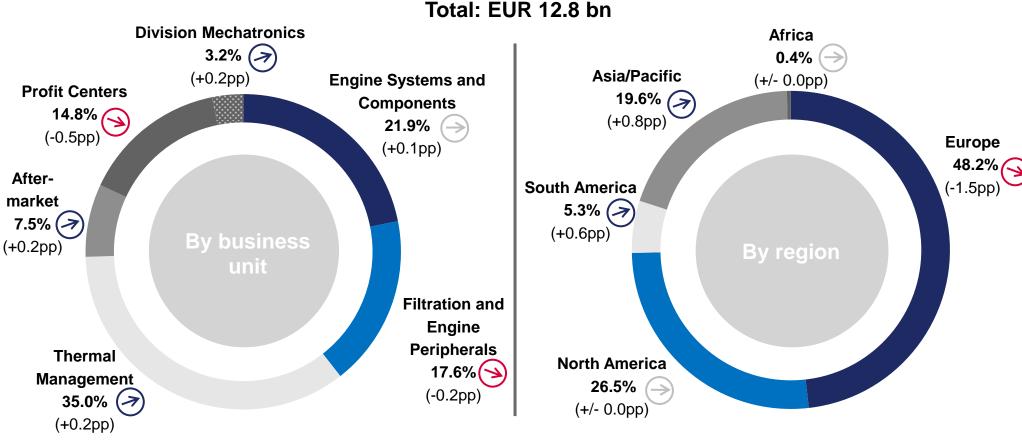
Group structure reflects diversified product portfolio (As of Dec 31, 2017)



Balanced portfolio and global footprint









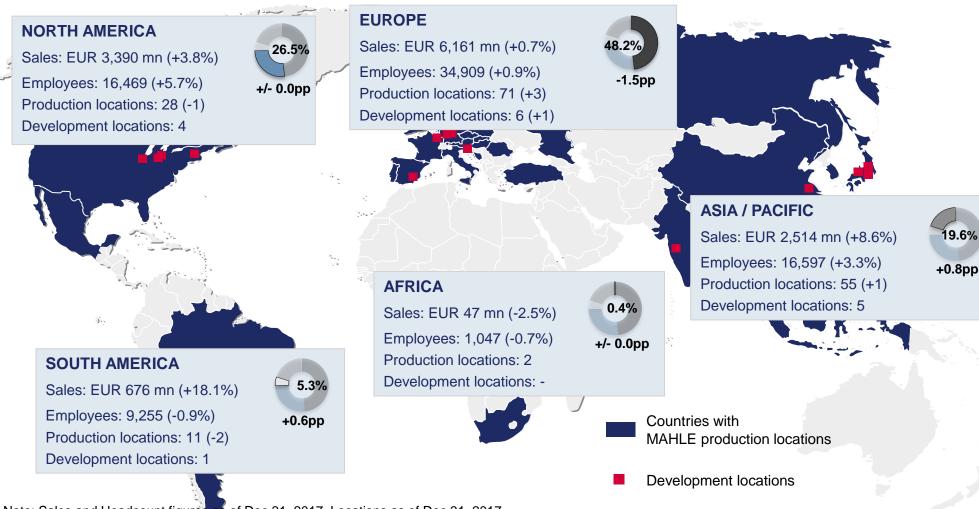


and (pp) = Sales share 2017 vs. 2016

MAHLE

MAHLE is present in all global core markets enhancing its well-balanced footprint

Driven by performance



Note: Sales and Headcount figures as of Dec 31, 2017, Locations as of Dec 31, 2017
Sales by country of origin compared to 2016, Employees by region compared to Dec 31, 2016 incl. development locations and sales branches

Income statement (key figures)



Driven by performance

	ACTUAL 1-12/2016		ACTUAL 1-12/2017		CHANGE
	in million EUR	in % of sales	in million EUR	in % of sales	in million EUR
Sales	12,321.8	100.0%	12,788.0	100.0%	466.3
Cost of sales and other income and expenses	-11,242.4	-91.2%	-11,827.6	-92.5%	-585.1
EBITDA	1,079.3	8.8%	960.5	7.5%	-118.9
Depreciation / amortization of tangible and intangible assets (incl. goodwill) & longterm loans and securities	-606.6	-4.9%	-605.3	-4.7%	1.3
EBIT	472.8	3.8%	355.2	2.8%	-117.6
Investment result	-148.3	-1.2%	9.7	0.1%	158.0
Result from interest (incl. pensions)	-96.4	-0.8%	-102.4	-0.8%	-6.0
Result from business activities	228.1	1.9%	262.5	2.1%	34.4
Taxes on income	-132.2	-1.1%	-124.9	-1.0%	7.3
Result after taxes	95.9	0.8%	137.6	1.1%	41.7
Other taxes	-32.9	-0.3%	-35.4	-0.3%	-2.5
Consolidated net income	63.0	0.5%	102.2	0.8%	39.2

Assets



	ACTUAL 12/31/2016		ACTUAL 12/31/2017		CHANGE
	in million EUR	%	in million EUR	%	in million EUR
Intangible assets	630.7	7.9%	543.8	6.6%	-86.9
Property, plant, and equipment	3,029.0	37.7%	3,008.9	36.7%	-20.1
Financial assets	90.0	1.1%	149.1	1.8%	59.2
Inventories	1,268.8	15.8%	1,324.7	16.2%	55.9
Receivables and other assets	2,350.3	29.3%	2,341.6	28.6%	-8.8
Cash and cash equivalents	372.5	4.6%	503.6	6.1%	131.1
Prepaid expenses	20.9	0.3%	23.6	0.3%	2.7
Deferred tax assets	196.2	2.4%	226.4	2.8%	30.2
Plan assets	73.6	0.9%	73.4	0.9%	-0.2
Total	8,032.1	100.0%	8,195.1	100.0%	163.1

Equity and liabilities



	ACTUAL 12/31/2016		ACTUAL 12/31/2017		CHANGE
	in million EUR	%	in million EUR	%	in million EUR
Equity	2,721.9	33.9%	2,632.1	32.1%	-89.8
Badwill	1.5	0.0%	0.0	0.0%	-1.5
Accruals for pensions and similar obligations	575.3	7.2%	577.8	7.1%	2.5
Other accruals	1,462.5	18.2%	1,515.2	18.5%	52.7
Bonds	829.0	10.3%	829.0	10.1%	0.0
Liabilities to banks	769.3	9.6%	830.3	10.1%	60.9
Trade payables	1,256.8	15.6%	1,233.9	15.1%	-22.9
Other liabilities	415.6	5.2%	576.9	7.0%	161.2
Total	8,032.1	100.0%	8,195.1	100.0%	163.1

Abbreviated cash flow statement



[in million EUR]	ACTUAL 1-12/2016	ACTUAL 1-12/2017	CHANGE
Cash funds at beginning of period	131,3	161,2	29,9
Cash flows from operating activities	855,7	765,5	-90,2
Cash flows from investing activities	-575,2	-652,0	-76,8
Cash flows from financing activities	-266,0	26,4	292,4
Total cash flow	14,5	139,9	125,4
Change in cash funds from exchange rate movements and valuation procedures	18,9	58,0	39,0
Change in cash funds from changes in the consolidation group	-3,5	0,0	3,5
Cash funds at end of period	161,2	359,1	197,9

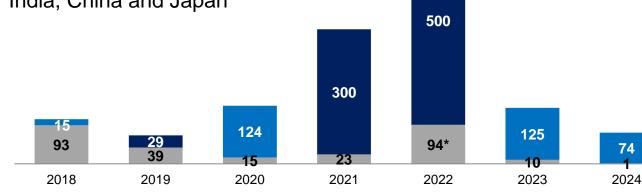
Well balanced maturity profile and diversified funding mix with different debt instruments



- MAHLE has continuously increased and diversified its investor base
- Maturity of EUR 1,600 mn RCF has been extended by one year to July 2022

New EUR 250 mn Schuldschein were issued in June, maturing 2023, 2025 and 2027 102

Other liabilities to banks include ancillary facilities in Turkey as well as bilateral loan agreements in Brazil, India, China and Japan



^{*} EUR 39,1 mn of other liabilities to banks represent short-term drawdowns from RCF maturing in 2022 RCF = Revolving Credit Facility SSD = Schuldscheindarlehen

Other liabilities to banks (EUR 275 mn)

Total financial liabilities:

EUR 1,669 mn

(incl. liabilities to banks, bonds and certain other liabilities)

0

2026

100

2025

SSD (EUR 565 mn)

74

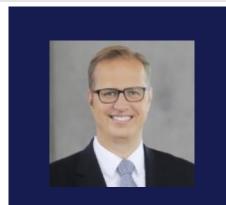
Bonds (EUR 829 mn)

2027

New CEO - Experienced Management Board



Driven by performance



Dr. Jörg Stratmann (CEO)

Joined MAHLE in 2008, since 01st February 2018 CEO Since 2014 member of the board 18 Y of experience in the automotive industry

Previously:

- Behr, MAHLE, Conti Automotive, Siemens
- · Studied Industrial Engineering



Georg Dietz
(BU Engine Systems & Components)

Joined MAHLE in 1989, since 2018 member of the board 29 Y of experience in the automotive industry

Previously:

- MAHLE
- Studied Engineering



Arnd Franz
(Automotive Sales & Application
Engineering and BU Aftermarket)

Joined MAHLE in 2001, since 2013 member of the board 19 Y of experience in the automotive industry

Previously:

- Magna Seating Systems, TEV, Deutsche Industrie-Holding
- Studied Business Administration



Joined MAHLE in 2017, since 2017 member of the board 26 Y of experience in the automotive industry

Previously:

- GETRAG, Mannesmann VDO,
- Studied Mechanical Engineering



Michael Frick (CFO)

Joined MAHLE in 2003, CFO since 2014 15 Y of experience in the automotive industry

Previously:

- Behr, MAHLE, Emtec Group, Invensys Group and Coopers & Lybrand
- Studied Business Administration



Joined MAHLE in 2012, since 2012 member of the board 29Y of experience in the automotive industry

Previously:

- Behr-Hella Thermocontrol, Continental, Siemens
- Studied Electronic Engineering



Michael Glowatzki
(Human Resources and Legal)

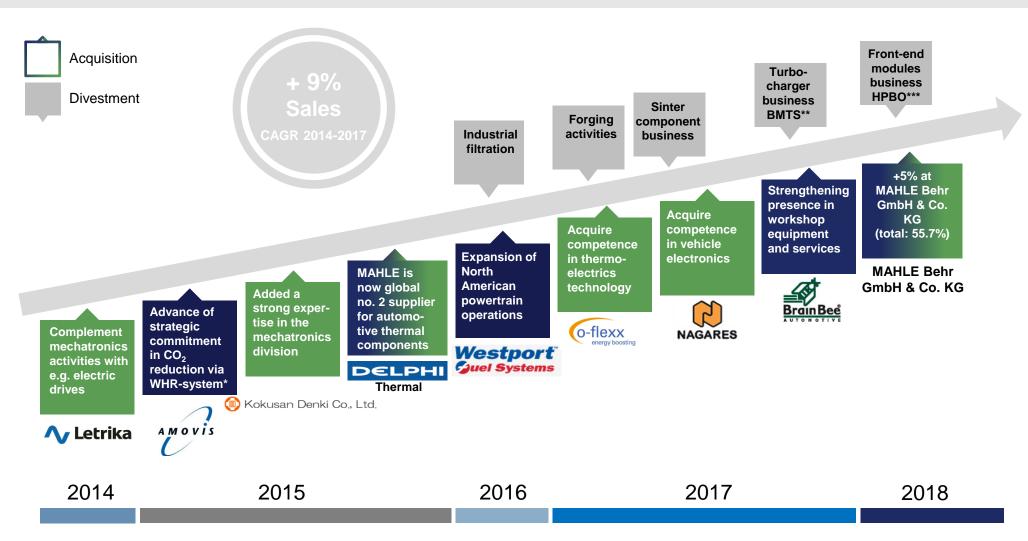
Joined MAHLE in 2005, since 2005 member of the board 27 Y of experience in the automotive industry

Previously:

- ZF Friedrichshafen
- Graduated as Attorney at Law

Strategic evolution of business portfolio



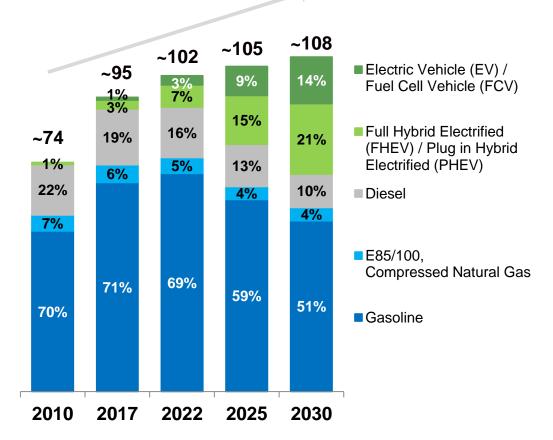


Waste heat recovery

Increasing diversity of powertrain solutions in a growing market



Base scenario: global light vehicle production (up to 6 tons, in million units)



- Gasoline will still represent main fuel type in 2030
- Significant global reduction of diesel
- Further reduction of fuel consumption via high-efficiency engines and increasing electrification
- Growing powertrain complexity drives demand for integrated system solutions
- Alternative powertrains require specific thermal management solutions (e.g. for EV and FCV)
- Potential to increase sales per vehicle, especially with hybrids

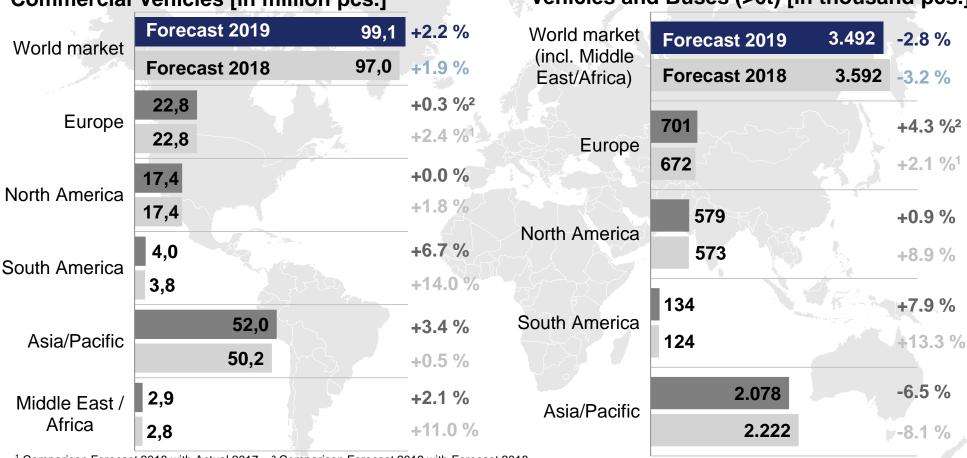
MAHLE GmbH



Global light vehicle production expected to grow, truck market shrinks due to cyclical slowdown in China

Production of Passenger Cars and Light Commercial Vehicles [in million pcs.]

Production of Medium and Heavy Duty Vehicles and Buses (>6t) [in thousand pcs.]



¹ Comparison Forecast 2018 with Actual 2017 ² Comparison Forecast 2019 with Forecast 2018

Source: Includes data provided by IHS, www.ihs.com; Copyright © [2018], LV Production March 2nd 2018 and MHD Production February 5th 2018