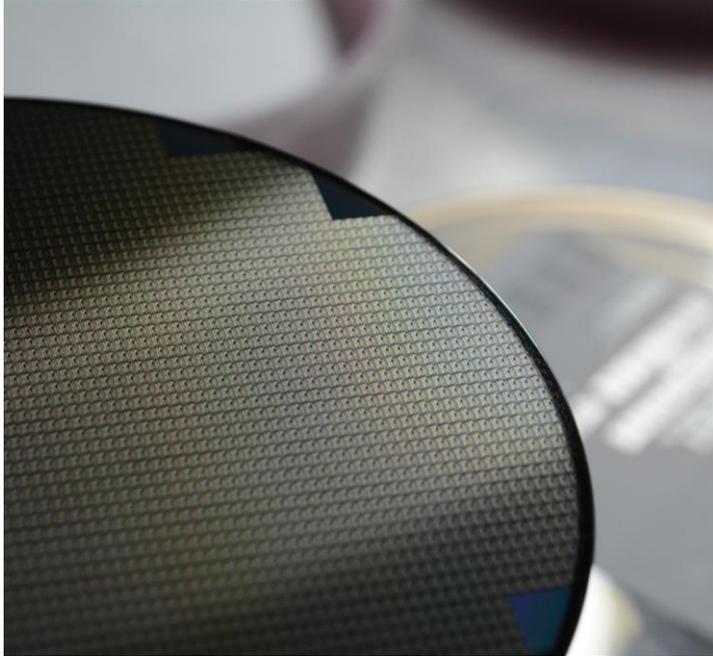


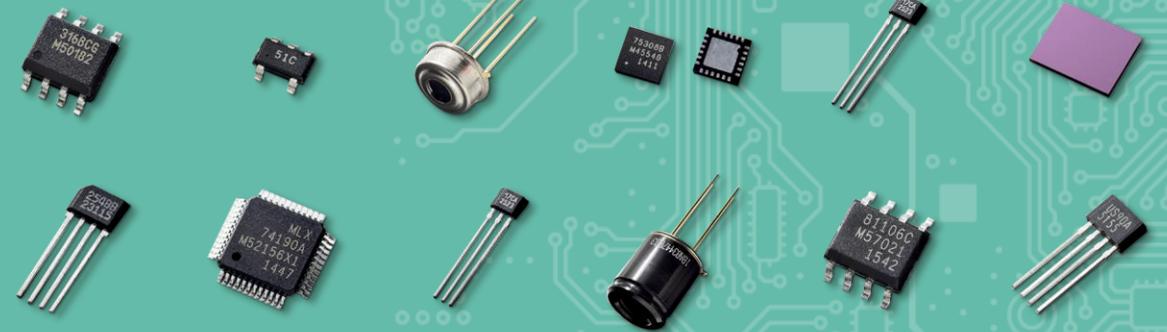


Presentation results Q2 2023

What do we do?



We create innovative micro-electronic solutions for the best imaginable future



Common denominator: sensing & driving is everywhere



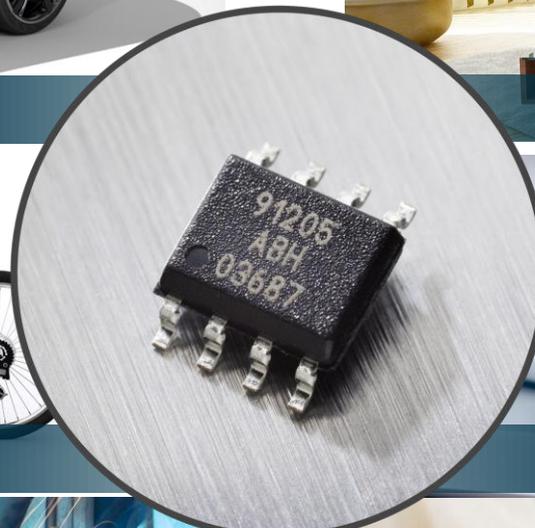
Automotive



Home



Motorcycles and e-bikes



Consumer

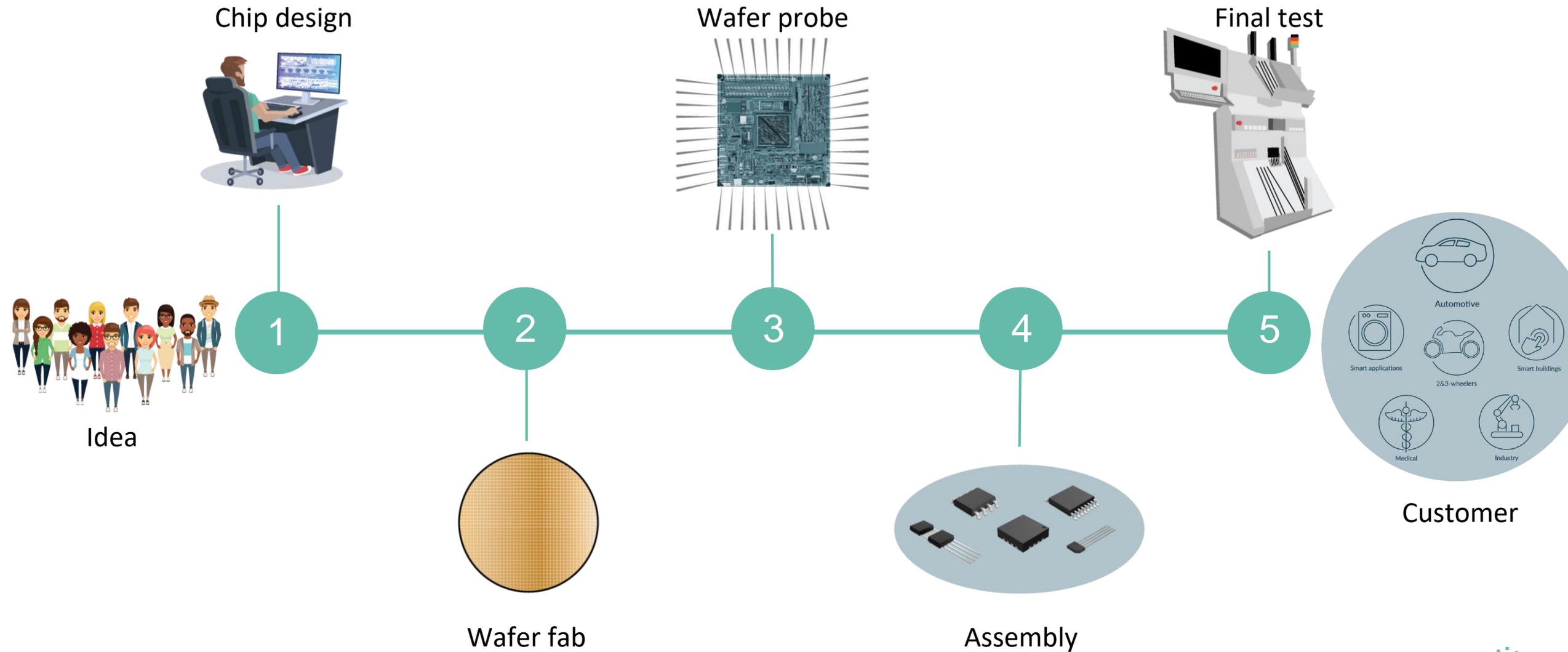


Industry



Healthcare

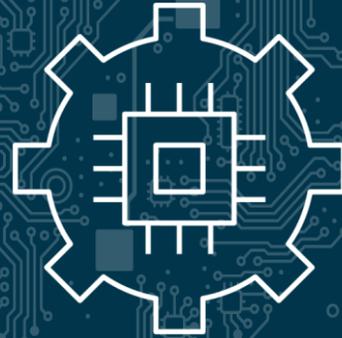
Process flow



Melexis strategy



Focus on
innovation in
automotive and
adjacent
markets



Leadership in
*sensing and
driving solutions*
to our
customers'
advantage



Organic growth,
selective
acquisitions

Approximately 1,900 people on 3 continents



Sales & Applications

- Belgium – Ieper, Tessenderlo
- Greater China – Shanghai, Shenzhen
- France – Grasse, Paris
- Germany – Erfurt, Dresden
- Japan – Yokohama
- USA – Detroit, San Jose
- South Korea – Seoul
- Switzerland - Bevaix



Manufacturing

- Belgium – Ieper
- Bulgaria – Sofia
- France – Corbeil-Essonnes
- Germany – Erfurt
- Malaysia – Kuching



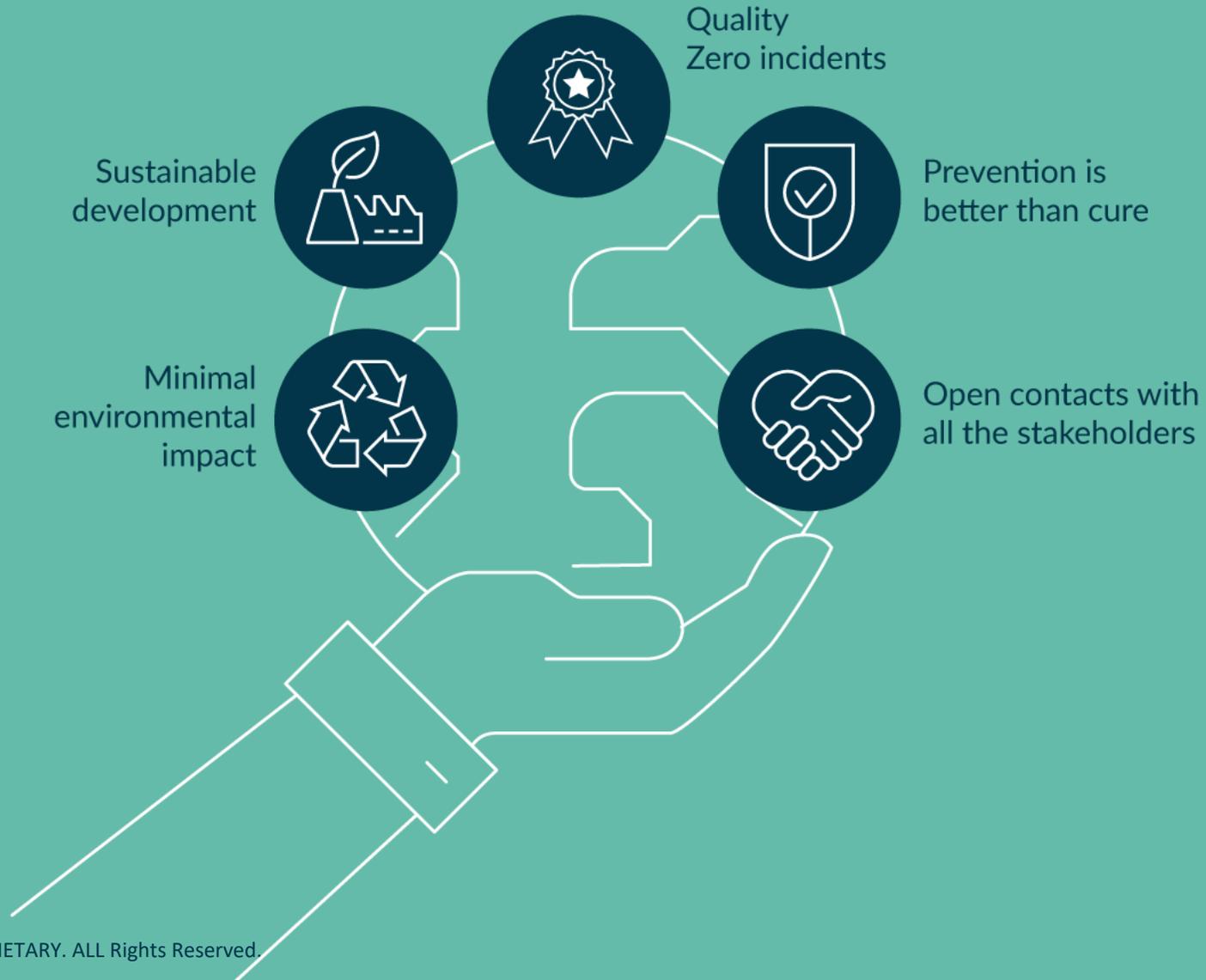
Research & Development

- Belgium – Ieper, Tessenderlo
- Philippines – Manila
- Bulgaria – Sofia
- Switzerland - Bevaix
- France – Grasse, Paris
- Ukraine – Kiev
- Germany – Erfurt, Dresden, Düsseldorf

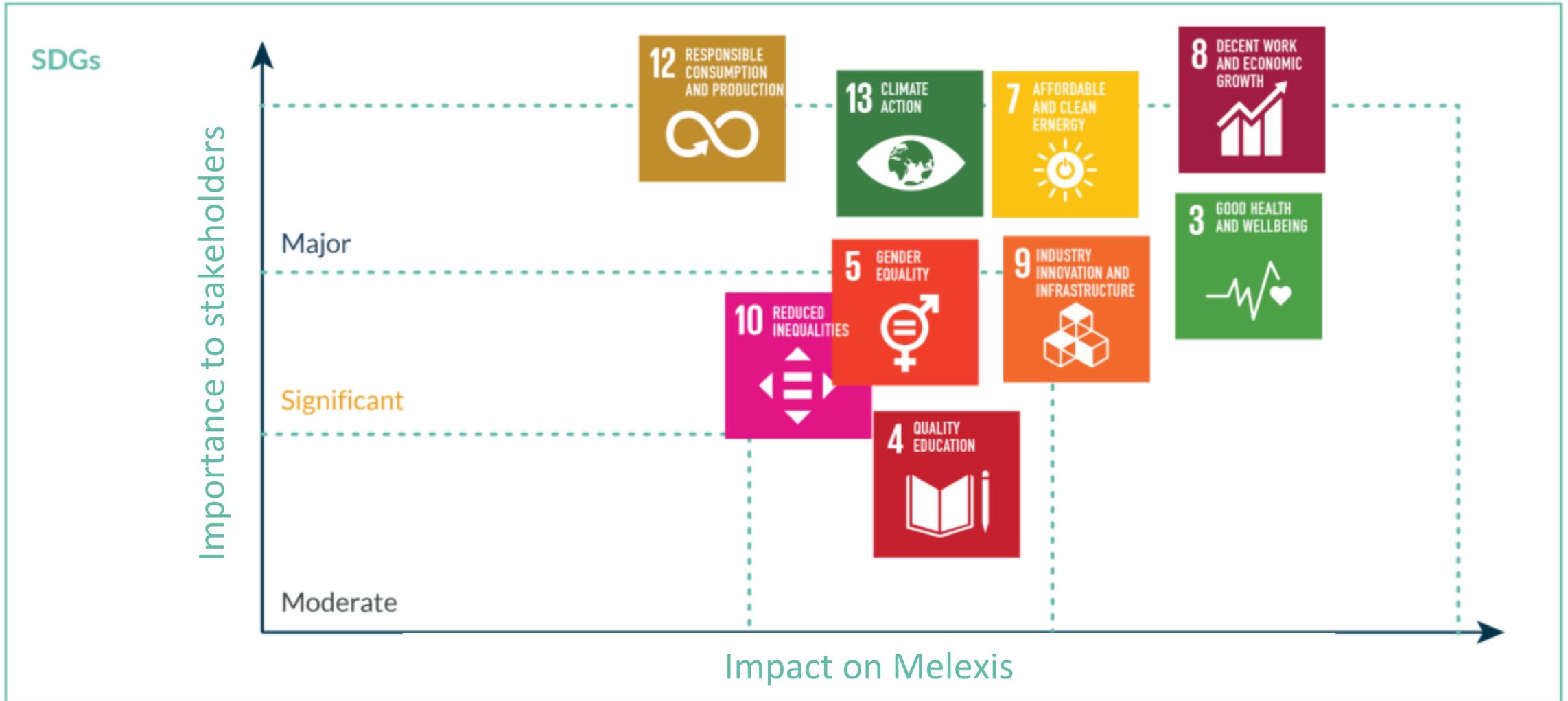


SUSTAINABILITY AT HEART

Our environmental policy is based on five principles



Sustainable Development Goals (SDGs)



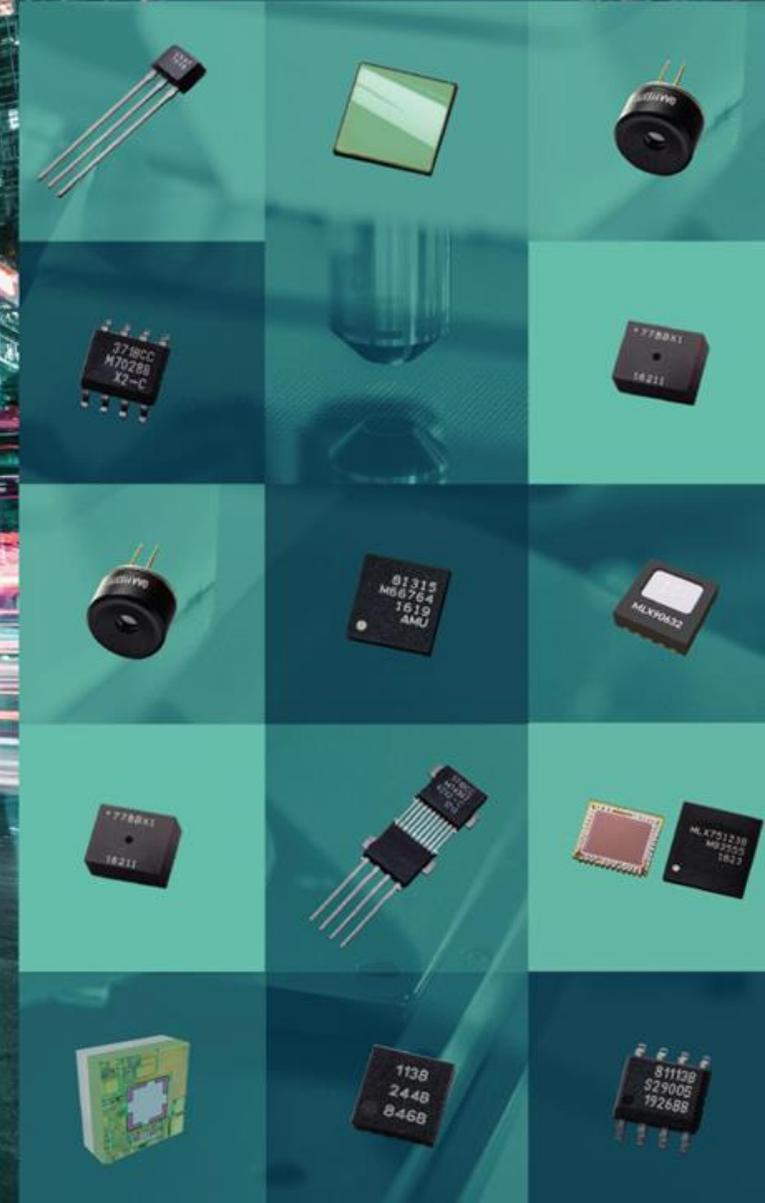
Melexis supplied > 1.9 billion ICs worldwide in 2022



- Magnetic position sensors • Pressure sensors
- Inductive position sensors • Tire monitoring sensors
- Current sensors • Temperature sensors
- Latch & switch • Optical sensors
- Embedded drivers • Sensor interfaces
- Smart drivers • Embedded lighting



MELEXIS ICs SHAPE THE FUTURE



MELEXIS ICs SHAPE THE FUTURE



PLANET



ELECTRIFICATION



MICRO MOBILITY



THERMAL MANAGEMENT



MELEXIS ICs SHAPE THE FUTURE



PEOPLE



USER EXPERIENCE



SAFETY



HEALTH



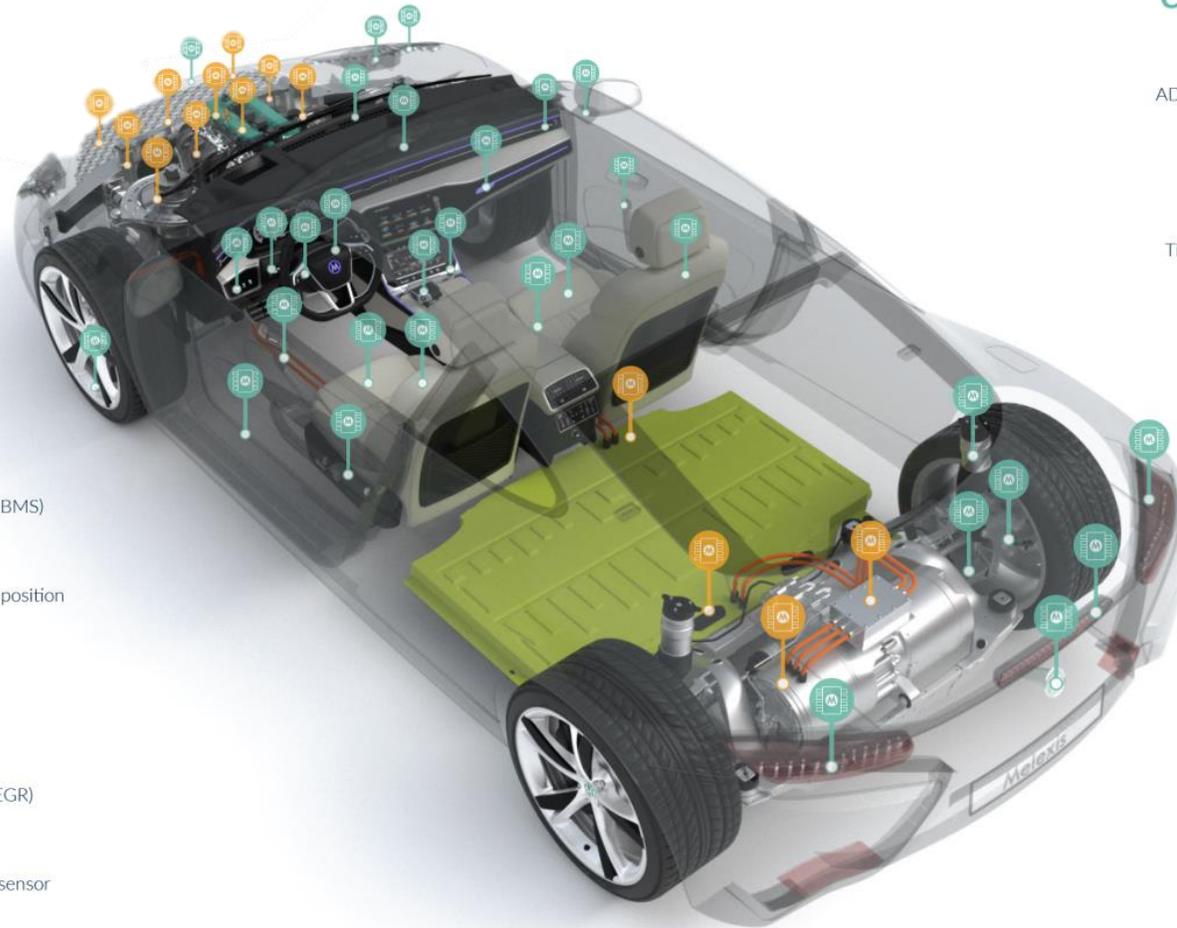
18 chips in every new car *

* Melexis shipped on average 18 ICs per car produced worldwide



Powertrain

- Traction inverter
- Battery Monitoring System (BMS)
- DCDC converter
- Thermal management
- Onboard charger (OBC)
- Accelerator / brake / clutch position
- Brake fluid level detection
- Transmission
- Clutch switch
- Gear shift
- Engine cooling fan
- Water pump
- Water valves
- Grille shutter
- Exhaust Gas Recirculation (EGR)
- Valve exhaust gas pressure
- Throttle
- Crankshaft position
- Manifold absolute pressure sensor
- Fuel pump
- Fuel level



Chassis - body - safety



- In-cabin monitoring & gesture control
- Driver Monitoring (DMS)
- ADAS / Dashboard GPU cooling
- Washing
- Liquid level detection
- Wiper
- Rain-light sensor
- Hood lock switch
- LED headlight ventilation fan
- LED and laser headlight control
- Tire Pressure Monitoring System (TPMS)
- Smart Tire Sensor
- Ride height
- Electrical Power Steering (EPS)
- Brake light switch
- Turn signals / stalk-end position
- Electric parking brake
- Flap position detection
- Climate control / HVAC
- Seat heating and ventilation
- Seat belt buckle
- Seat position adjuster
- Seat lumbar pressure
- Seat occupant detection
- Keyless entry
- Door lock switch
- Door handle wake up switch
- Side mirror adjuster
- Window lift
- Sunroof
- In-vehicle networking
- Interior ambient lighting
- Interior animated lighting
- Puddle lights
- Stop lights
- Rear lights
- Tailgate/trunk motor opener
- Trunk lock switch



Applications containing Melexis ICs

Disclaimer: Please note this list is not exhaustive and only includes some of the most common applications containing Melexis ICs.

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Melexis

Automotive - From 10 to 20 (ICs/car) – How?

Melexis addresses 3 major trends



①

Electrification

②

Premiumization

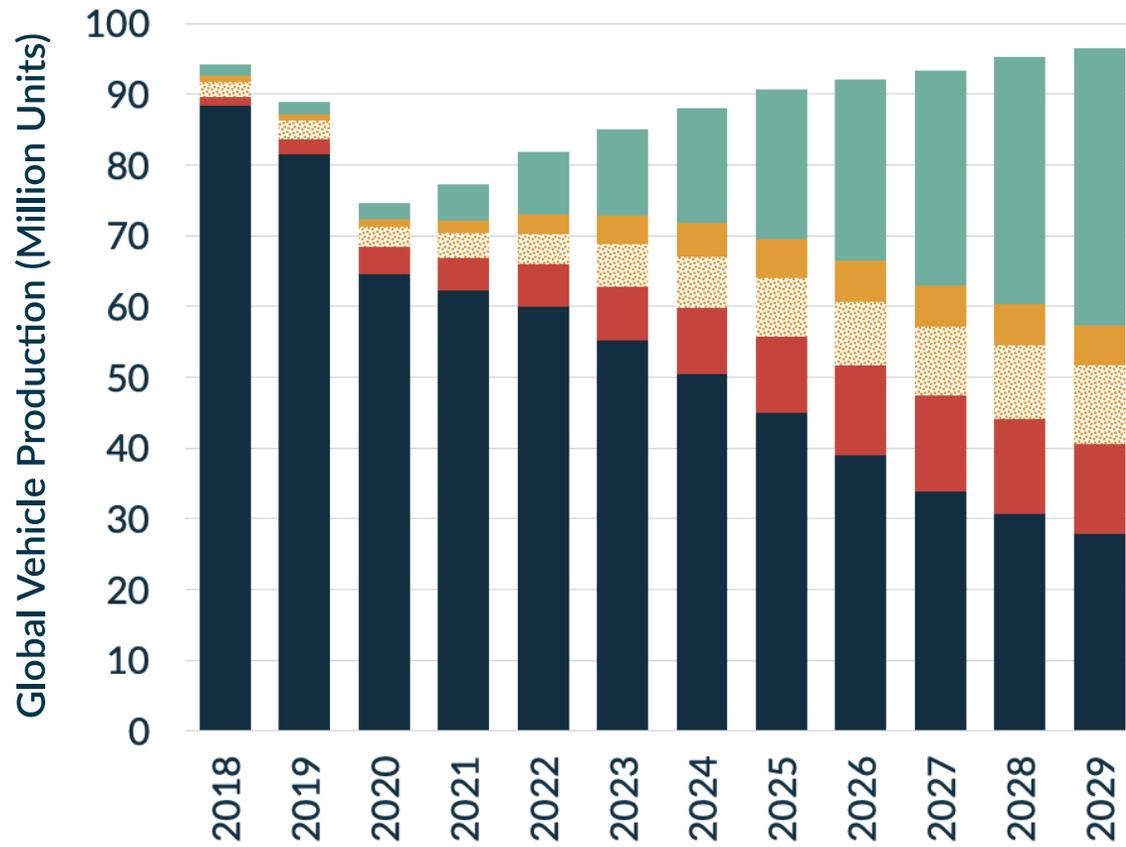
③

ADAS

Automotive - From 10 to 20 (ICs/car) – How?

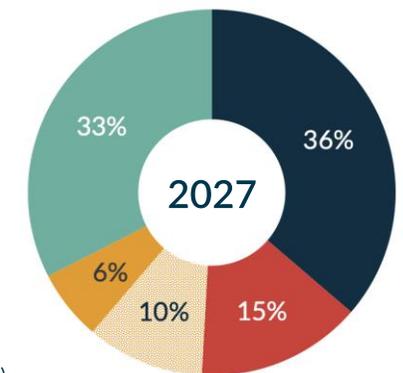
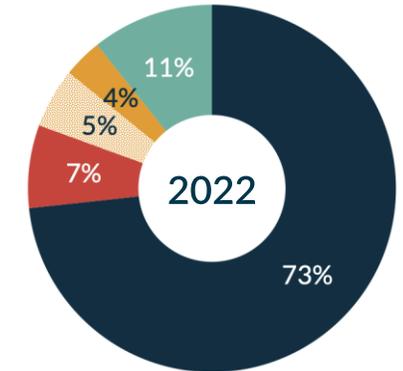


① Electrification



CAGR 2022-2027

EV	+28 %
pHEV	+16 %
fHEV	+18 %
mHEV	+18 %
ICE & μHEV	-11 %

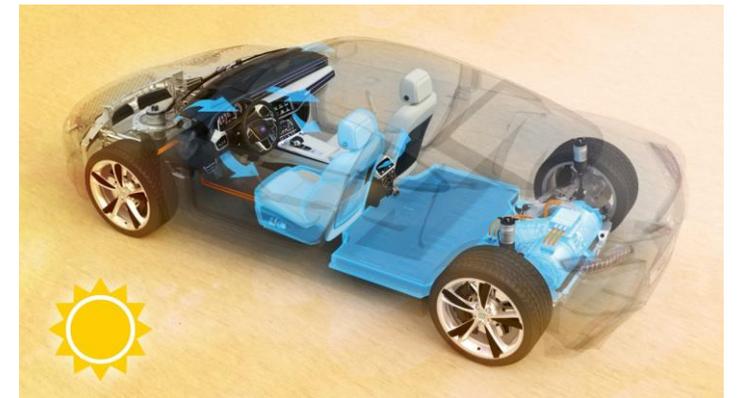
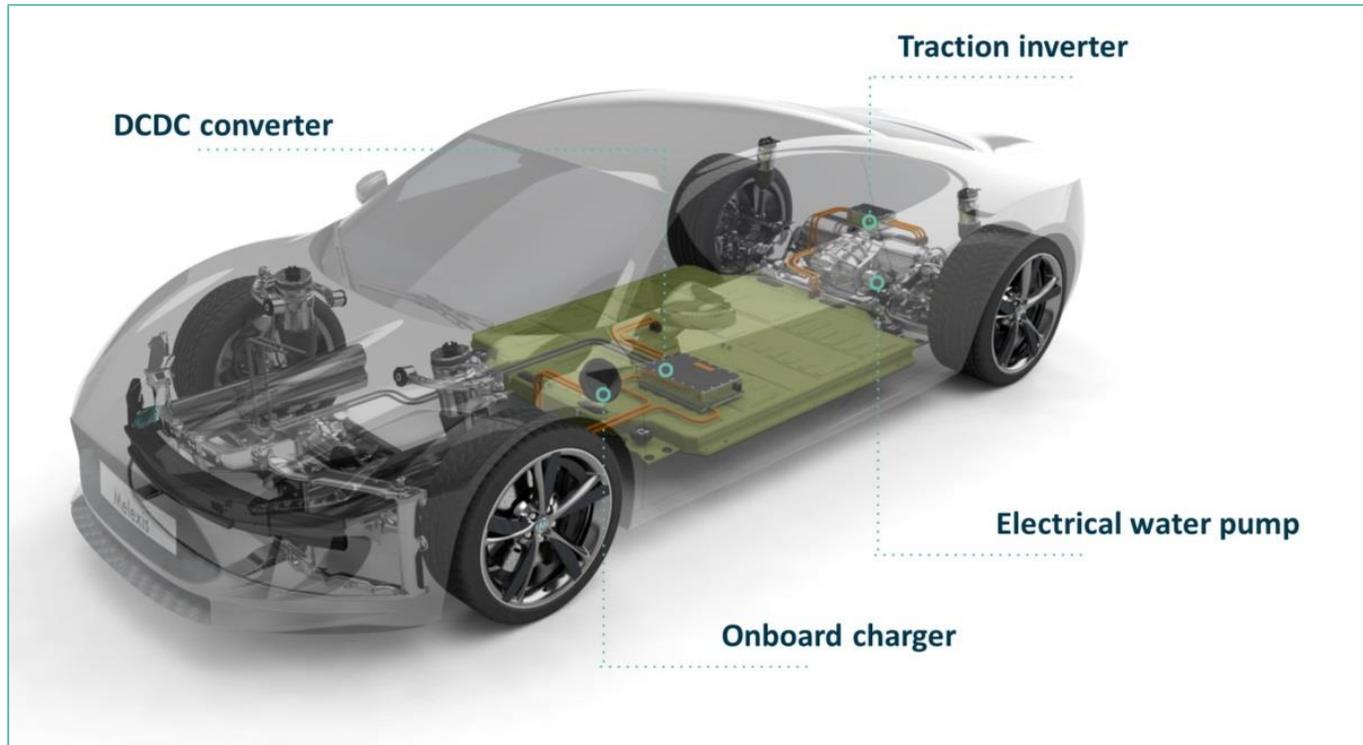


Source: S&P Global Mobility - Light Vehicle Alternative Propulsion Forecast (07/2022)

Automotive - From 10 to 20 (ICs/car) – How?



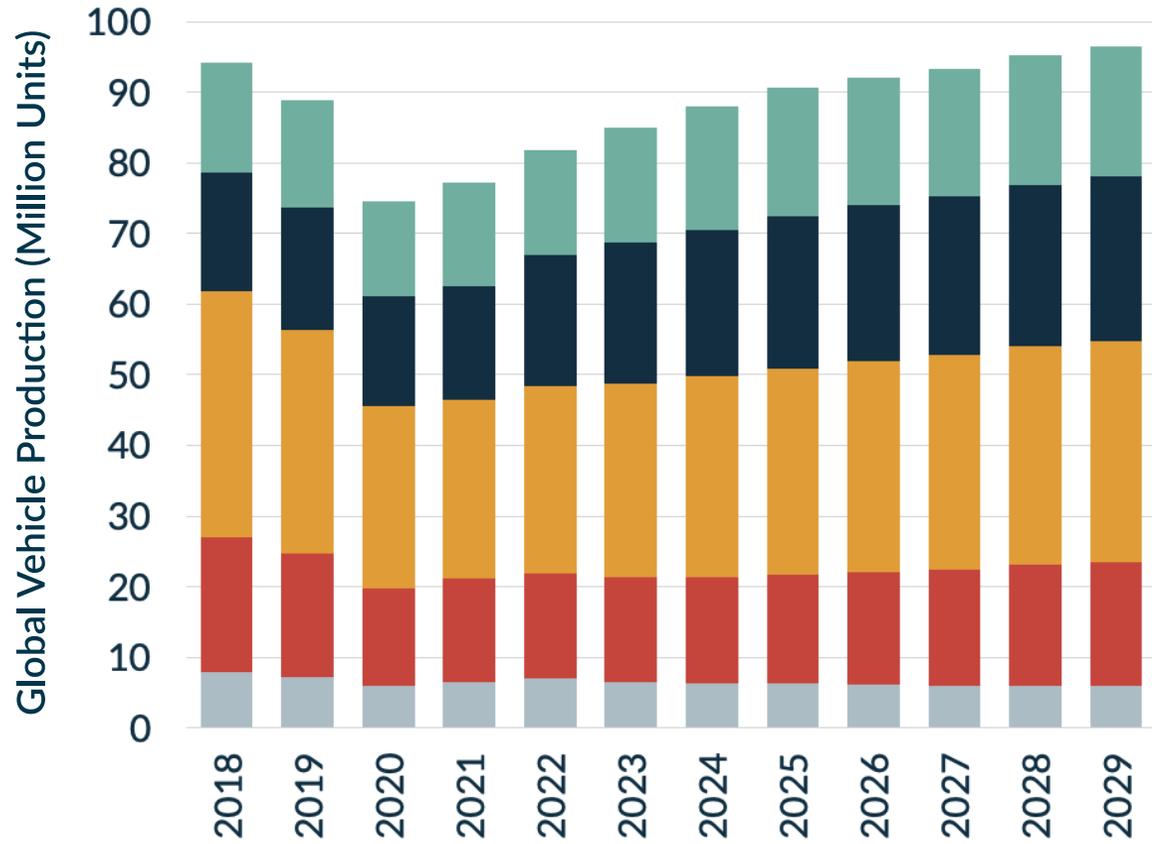
① Electrification



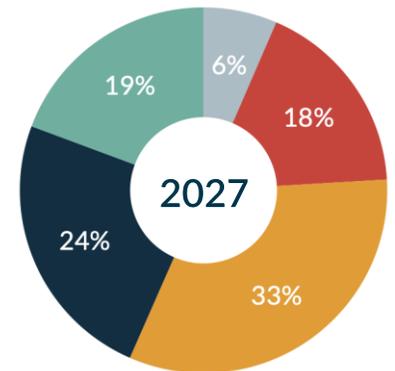
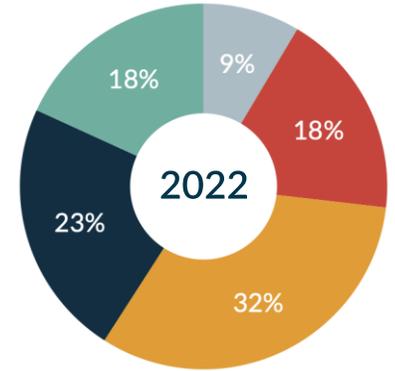
Automotive - From 10 to 20 (ICs/car) – How?



② Premiumization



Segment	CAGR 2022-2027
E-Segment	+4 %
D-Segment	+4 %
C-Segment	+3 %
B-Segment	+2 %
A-Segment	-3 %



Source: S&P Global Mobility - Light Vehicle Production Forecast (12/2022)

Automotive - From 10 to 20 (ICs/car) – How?



② Premiumization

A film strip showing various interior car scenes with Melexis sensors.

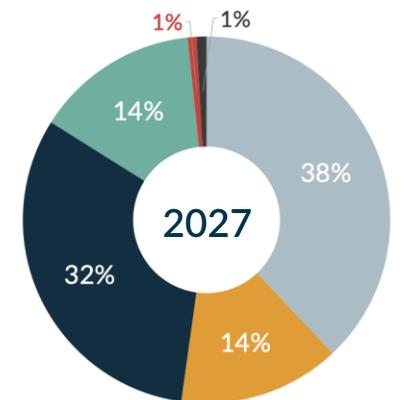
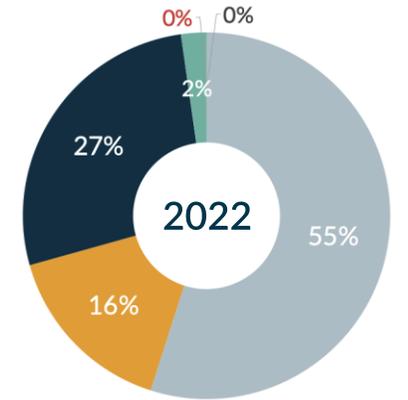
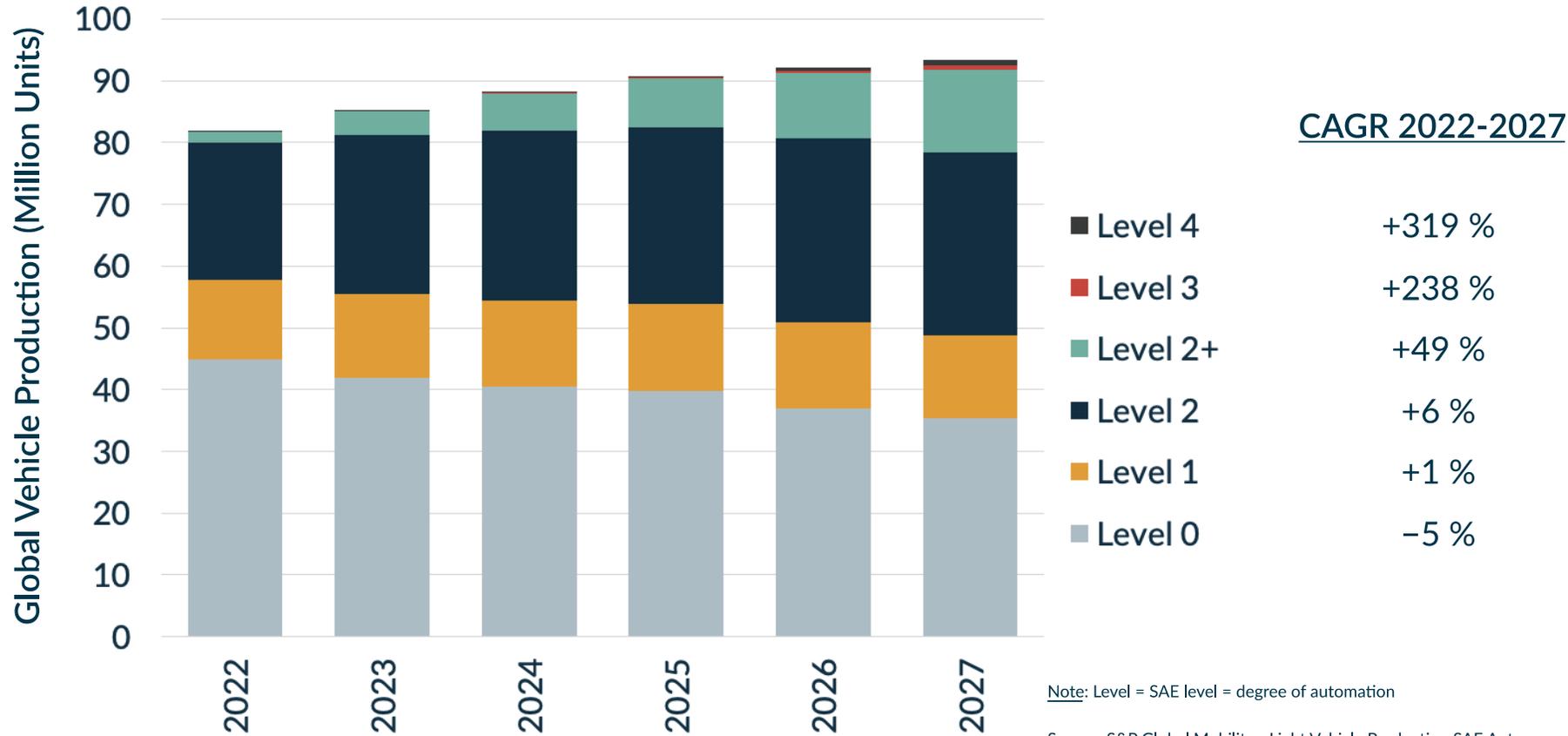
Melexis
INSPIRED ENGINEERING

Li Auto Inc. selected Melexis ToF for in-car gesture control

Automotive - From 10 to 20 (ICs/car) – How?



③ ADAS (Advanced Driver Assistance Systems)



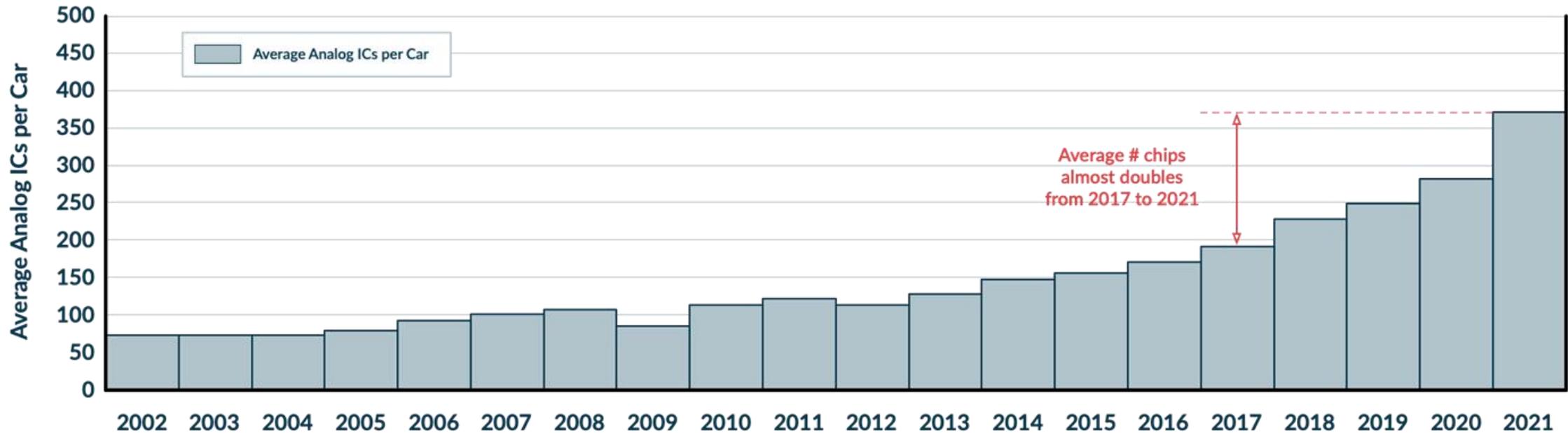
Automotive - From 10 to 20 (ICs/car) – How?



③ ADAS (Advanced Driver Assistance Systems)



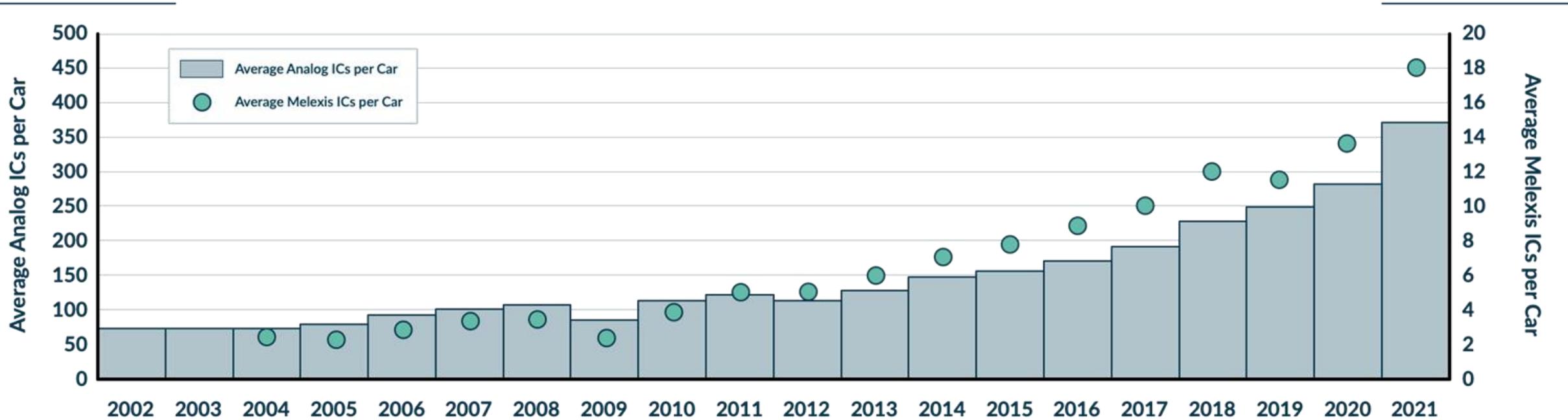
Accelerated Demand for Automotive Analog ICs



Sources: IHS Markit Light Vehicle Production, WSTS

- Power management ICs (for Electronic Control Unit [ECU], Systems-on-Chips [SoC], etc.)
- Integrated sensors and Signal conditioning ICs for sensors
- Bus transceiver ICs (for ECU, Sensor and Electronic Modules)
- Driver ICs for electric motors, LEDs (lighting), displays, etc.
- Radar transceivers, high-end audio, RF front-end, etc.

Accelerated Demand for Melexis Analog ICs

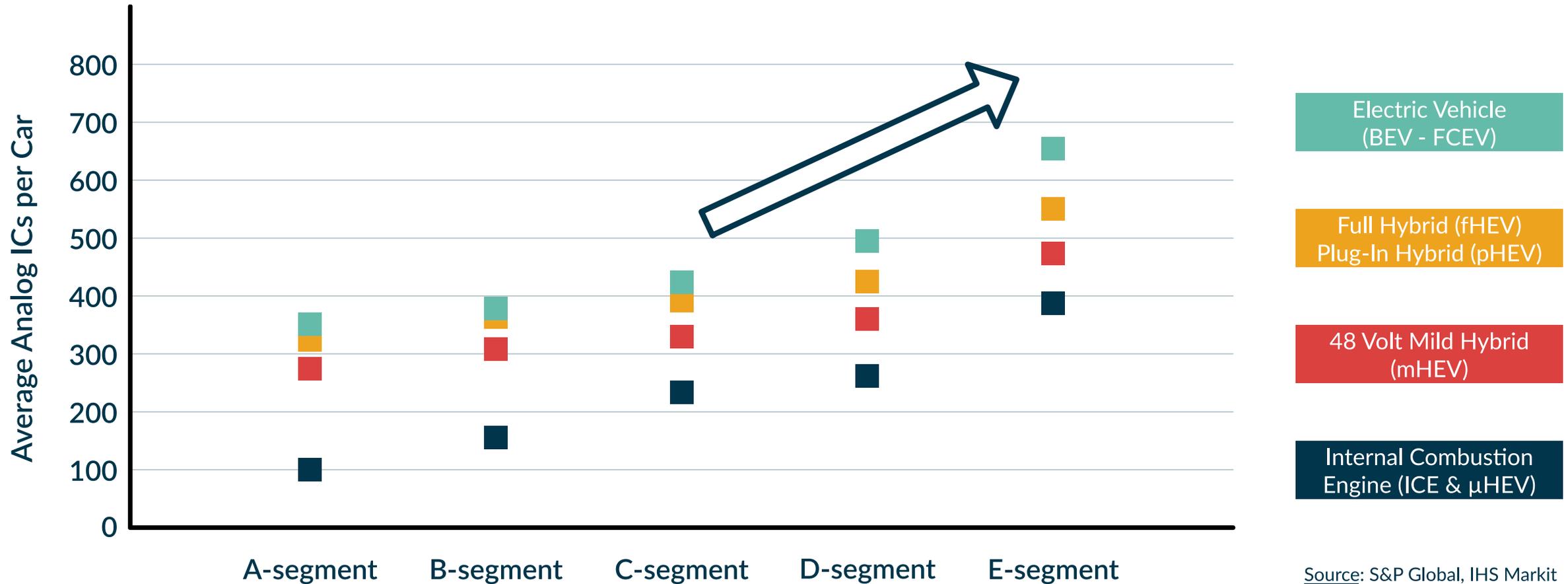


Sources: IHS Markit Light Vehicle Production, WSTS, Melexis

- Power management ICs (for Electronic Control Unit [ECU], Systems-on-Chips [SoC], etc.)
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Accelerated Demand for Automotive Analog ICs

Electrification & Premiumization Drive Content Growth



Source: S&P Global, IHS Markit

Adjacent - From 10 to 20 (%Revenue) – How?



Alternative Mobility

Melexis ICs assist e-bikes, drones and other transport means by enhancing range, safety and comfort.

Energy Management

Getting the most out of your energy sources in an efficient way requires specialized Melexis ICs.



Smart Buildings

Smart buildings require smart ICs. Efficiency, security and comfort are all in reach.



Digital Health

Health applications require the most reliable and precise ICs. Melexis has the right solutions.



Robotics

Capturing the environment, interpreting this signal and acting accordingly. That's how Melexis innovative ICs enhance robots.



Smart Appliances

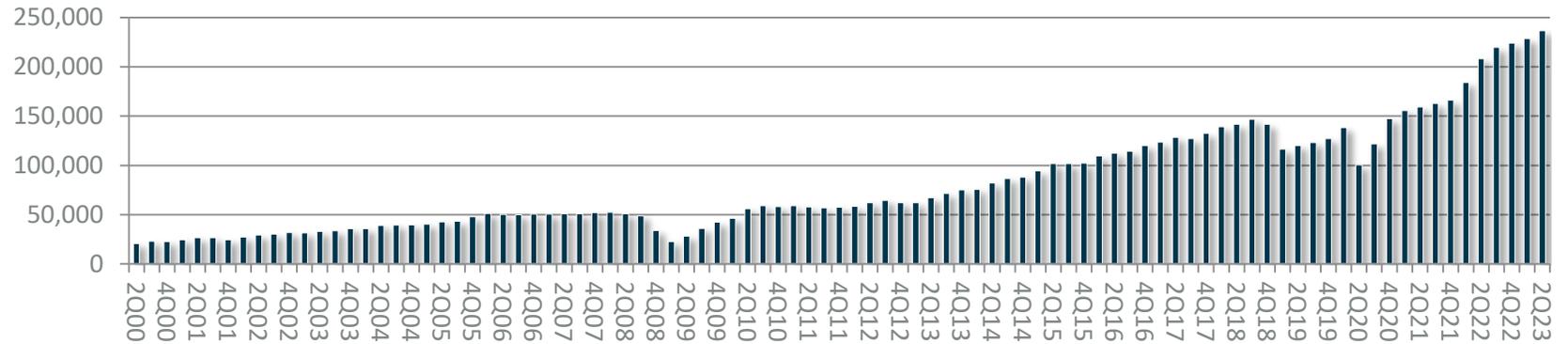
Gaming, white goods, e-toys. Melexis ICs bring performance and user friendliness.

Evolution financials 2000-2023

Turnover

Q2 2023: 236.7 mln EUR

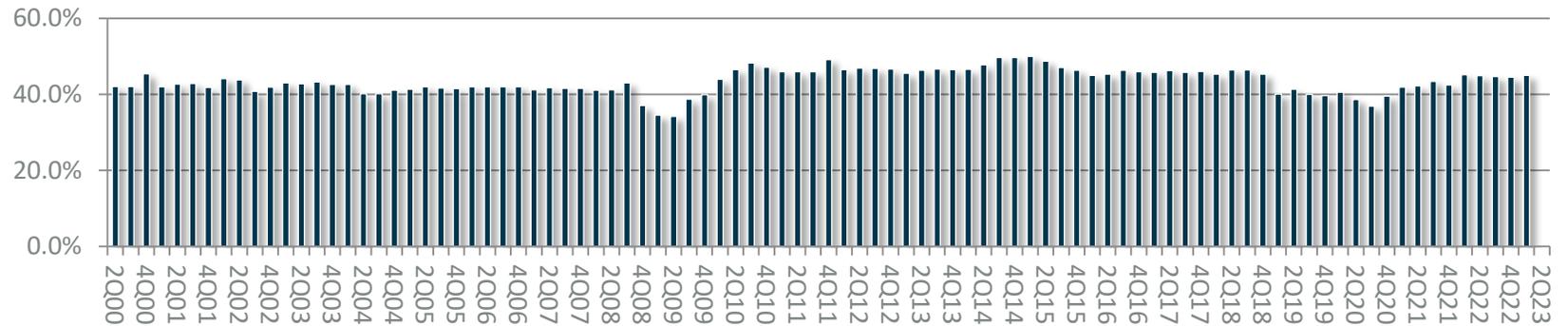
HY 2023: 465.3 mln EUR



Gross profit margin

Q2 2023: 47.0%

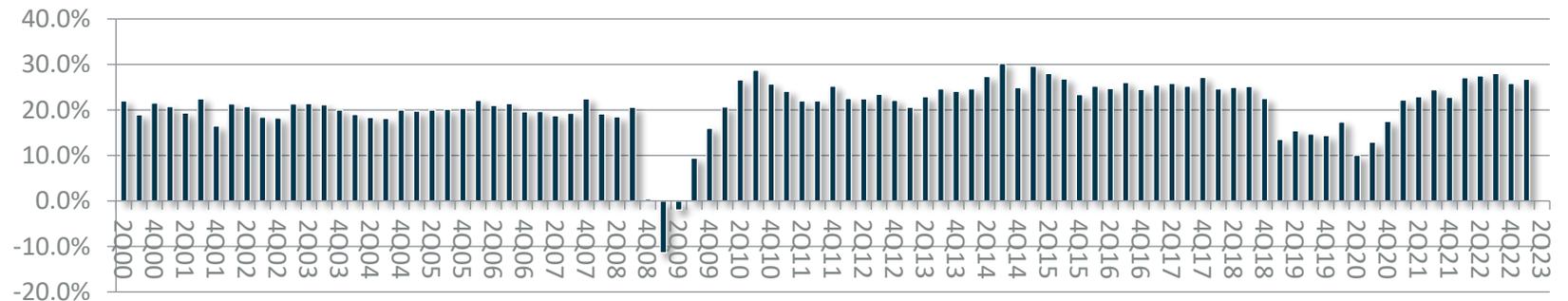
HY 2023: 46.0%



Operating margin

Q2 2023: 28.5%

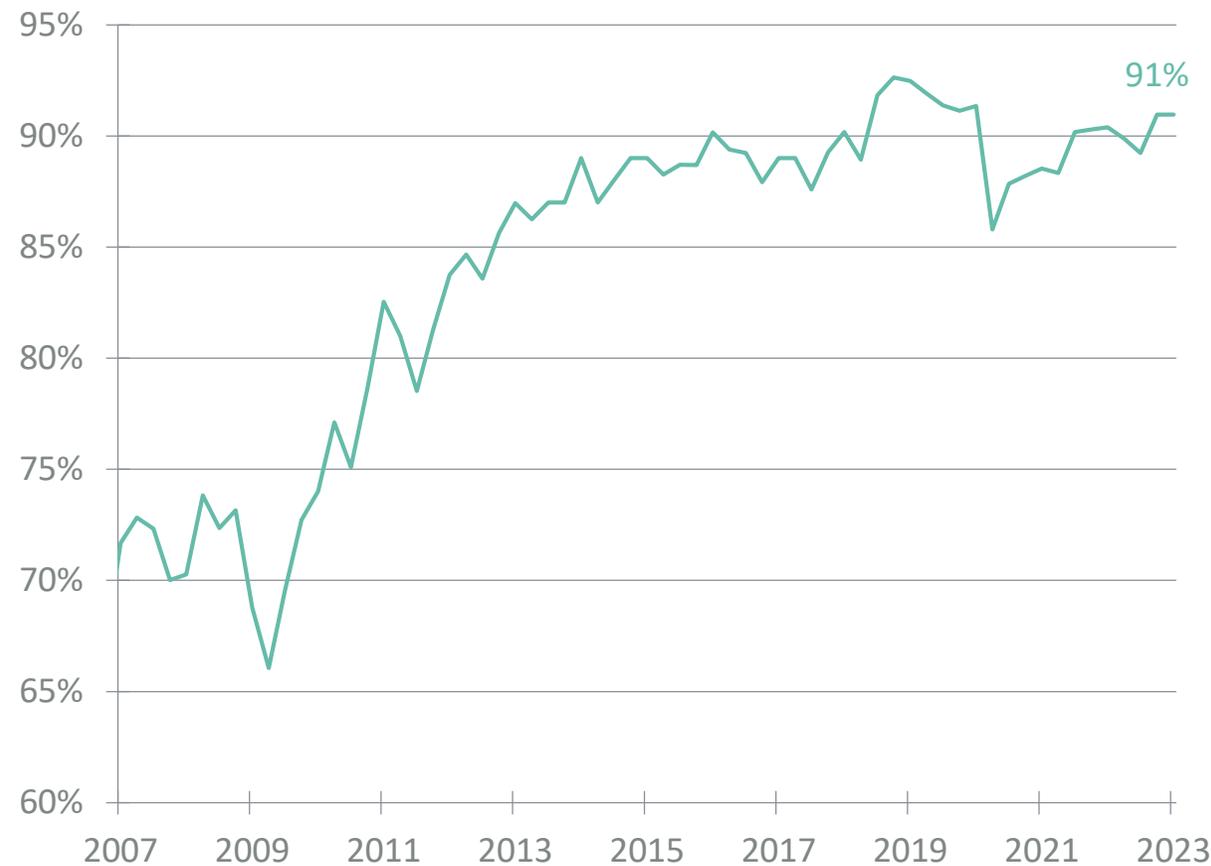
HY 2023: 27.6%



% ASSP sales



% automotive sales



Q2 2023 results at a glance

Sales
236.7m EUR

+14% Y-o-Y

Gross margin

47.0%

111.3m EUR

+19% Y-o-Y

Operating result

28.5%

67.5m EUR

+18% Y-o-Y

Net result

1.28 EPS

51.9m EUR

+9% Y-o-Y

Oper. cash flow

(before wcap change)

79.3m EUR

+8% Y-o-Y

Net cash

35.7m EUR

Outlook

Melexis expects sales in the third quarter of 2023 in the range of 245 to 250 million EUR.

For the full year 2023, Melexis now expects a sales increase between 14% and 16% (previously between 11% and 16%), with a gross profit margin of above 45% (previously around 45%) and an operating margin of around 27% (previously around 26%) at the midpoint of the sales guidance, all taking into account a EUR/USD exchange rate of 1.10 for the remainder of the year.

For the full year 2023, we expect CAPEX of around 100 million EUR (previously 70 million EUR).

Profit & loss

Q2 2023 versus Q2 2022 versus Q1 2023

P&L account (in million EUR)	Q2 2023	% of Sales	Q2 2022	% of Sales	Q1 2023	% of Sales
Sales	236.7	100.0%	208.4	100.0%	228.6	100.0%
Cost of goods sold	-125.4	-53.0%	-114.8	-55.1%	-125.8	-55.0%
Gross margin	111.3	47.0%	93.6	44.9%	102.8	45.0%
R&D	-25.8	-10.9%	-22.1	-10.6%	-24.6	-10.8%
G&A	-12.1	-5.1%	-10.3	-4.9%	-12.2	-5.3%
Selling	-5.8	-2.4%	-4.0	-1.9%	-4.9	-2.2%
EBIT	67.5	28.5%	57.3	27.5%	61.1	26.7%
Net financial result	-3.3	-1.4%	0.5	0.2%	1.0	0.4%
Income taxes	-12.3	-5.2%	-10.2	-4.9%	-11.1	-4.9%
Net profit	51.9	21.9%	47.6	22.8%	50.9	22.3%
Earnings per share	1.28		1.18		1.26	

HY 2023 results at a glance

Sales
465.3m EUR

+19% Y-o-Y

Gross margin

46.0%

214.1m EUR

+21% Y-o-Y

Operating result

27.6%

128.6m EUR

+20% Y-o-Y

Net result

2.54 EPS

102.8m EUR

+7% Y-o-Y

Oper. cash flow

(before wcap change)

152.1m EUR

+9% Y-o-Y

Net cash

35.7m EUR

Outlook

Melexis expects sales in the third quarter of 2023 in the range of 245 to 250 million EUR.

For the full year 2023, Melexis now expects a sales increase between 14% and 16% (previously between 11% and 16%), with a gross profit margin of above 45% (previously around 45%) and an operating margin of around 27% (previously around 26%) at the midpoint of the sales guidance, all taking into account a EUR/USD exchange rate of 1.10 for the remainder of the year.

For the full year 2023, we expect CAPEX of around 100 million EUR (previously 70 million EUR).

Profit & loss

HY 2023 versus HY 2022

P&L account (in million EUR)	HY 2023	% of Sales	HY 2022	% of Sales
Sales	465.3	100.0%	392.5	100.0%
Cost of goods sold	-251.2	-54.0%	-215.7	-55.0%
Gross margin	214.1	46.0%	176.8	45.0%
R&D	-50.5	-10.8%	-42.5	-10.8%
G&A	-24.3	-5.2%	-19.5	-5.0%
Selling	-10.7	-2.3%	-7.6	-1.9%
EBIT	128.6	27.6%	107.1	27.3%
Net financial result	-2.3	-0.5%	10.2	2.6%
Income taxes	-23.4	-5.0%	-21.1	-5.4%
Net profit	102.8	22.1%	96.2	24.5%
Earnings per share	2.54		2.38	

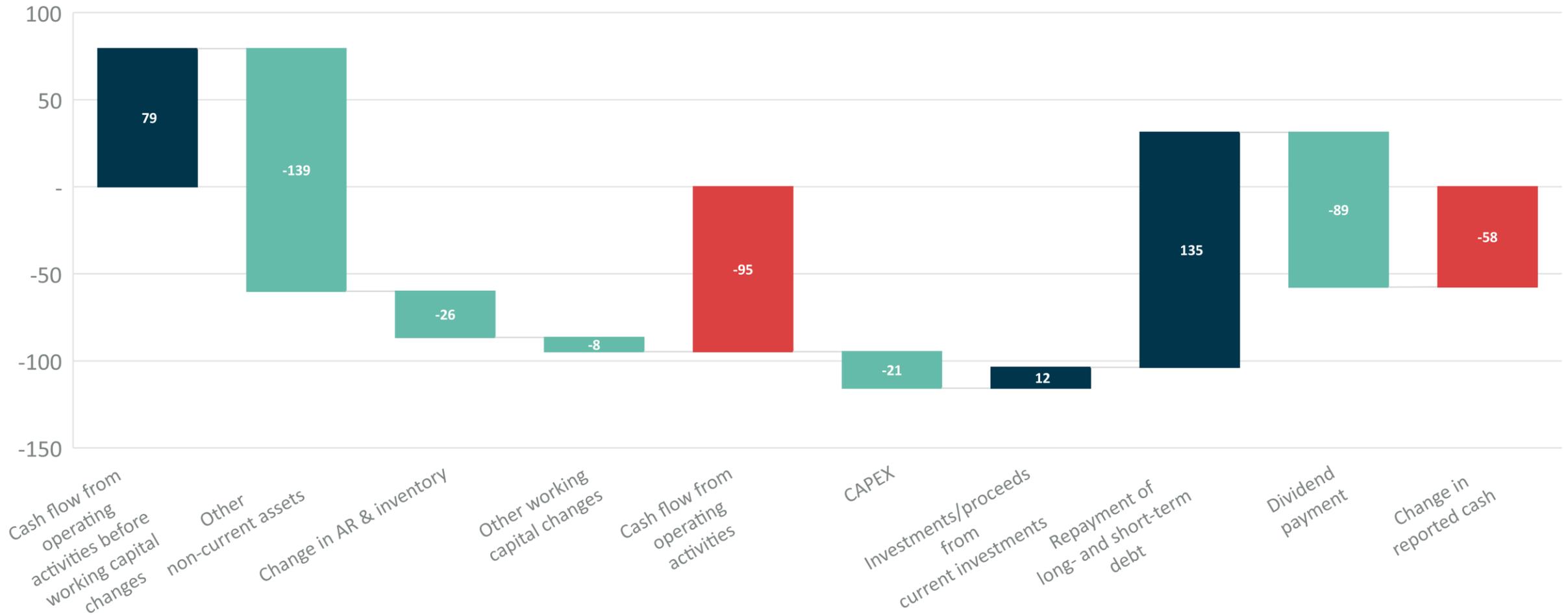
Balance sheet

Q2 2023 versus Q2 2022 versus Q1 2023

Balance Sheet (in million EUR)	Q2 2023	Q2 2022	Q1 2023
Total assets	738.9	522.7	640.8
Current assets			
Cash	35.7	39.3	93.3
Inventory	212.8	167.3	191.6
A/R Trade	133.1	100.7	129.8
Non-current assets	333.3	161.3	180.9
Shareholders' equity	495.8	434.4	532.0
Interest bearing debt	135.0	0.0	0.0
Long term	135.0	0.0	0.0
Short term	0.0	0.0	0.0

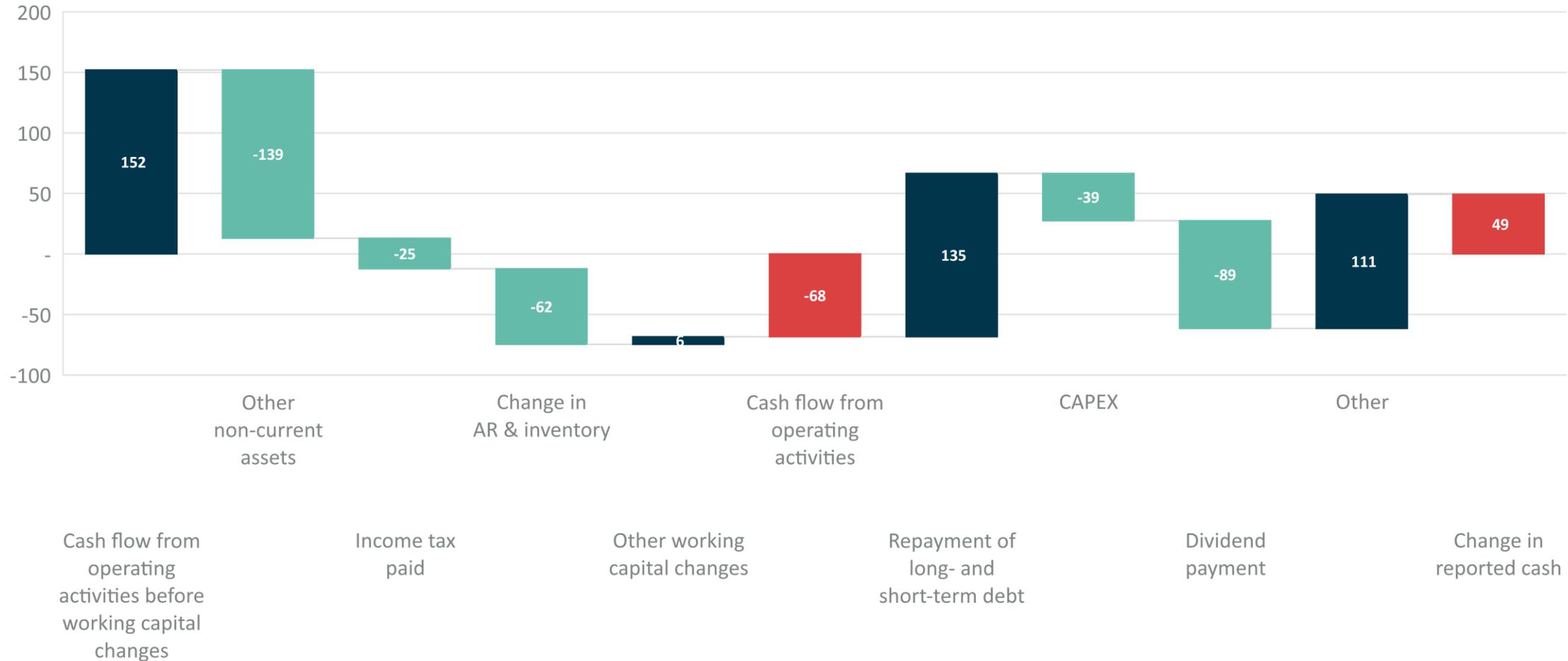
Q2 2023 cash flow

MIn. EUR



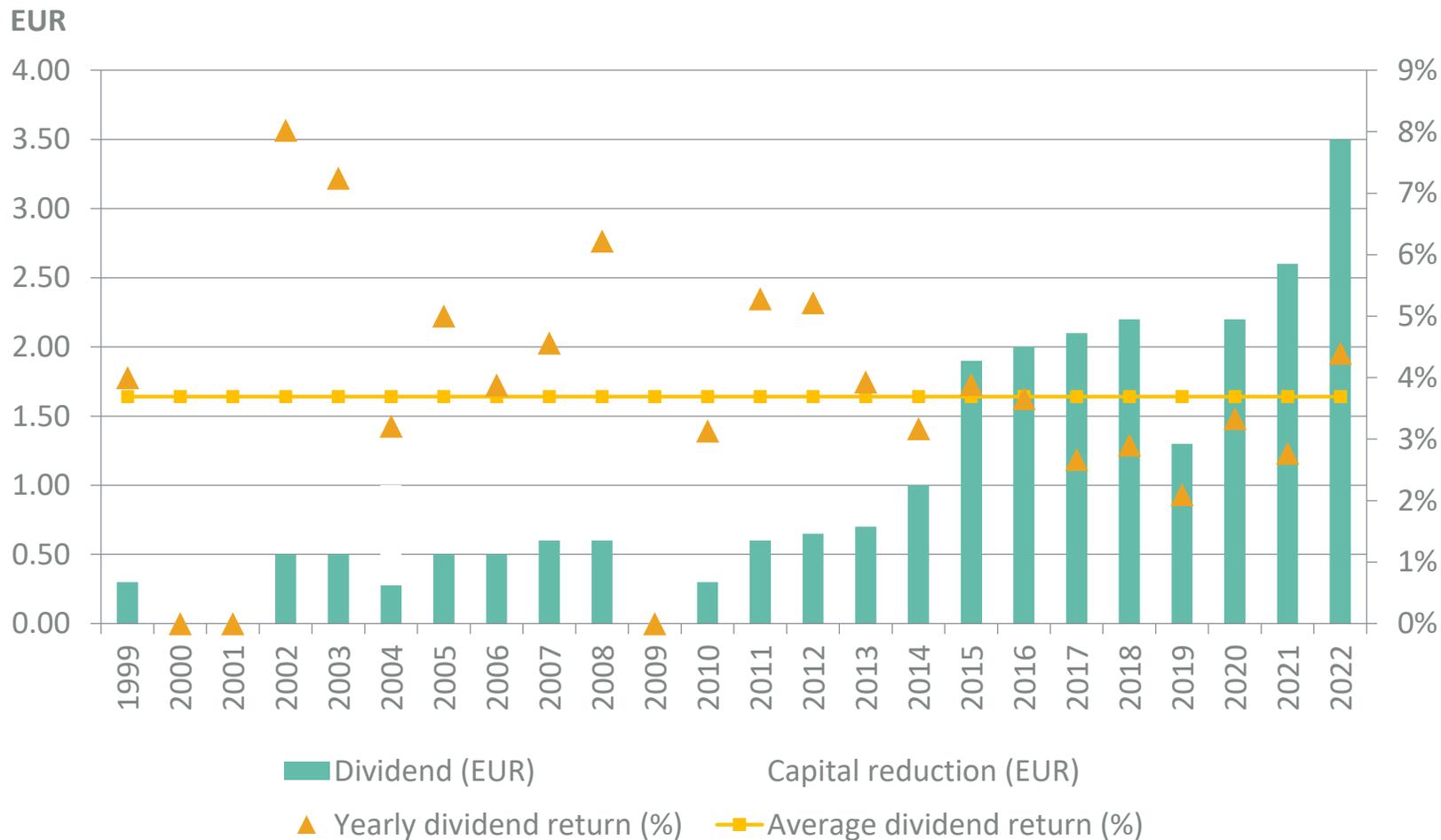
HY 2023 cash flow

Mln. EUR



Dividend yield

Based on average share price



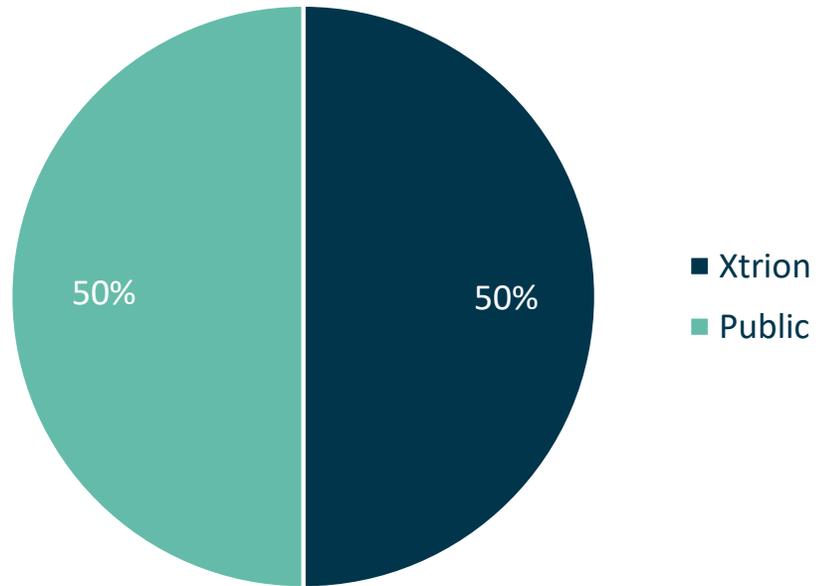
Gross dividend per share (EUR)

2006	0.50
2007	0.60
2008	0.60
2009	0.00
2010	0.30
2011	0.60
2012	0.65
2013	0.70
2014	1.00
2015	1.90
2016	2.00
2017	2.10
2018	2.20
2019	1.30
2020	2.20
2021	2.60
2022	3.50
(**) YTD 2023	1.30

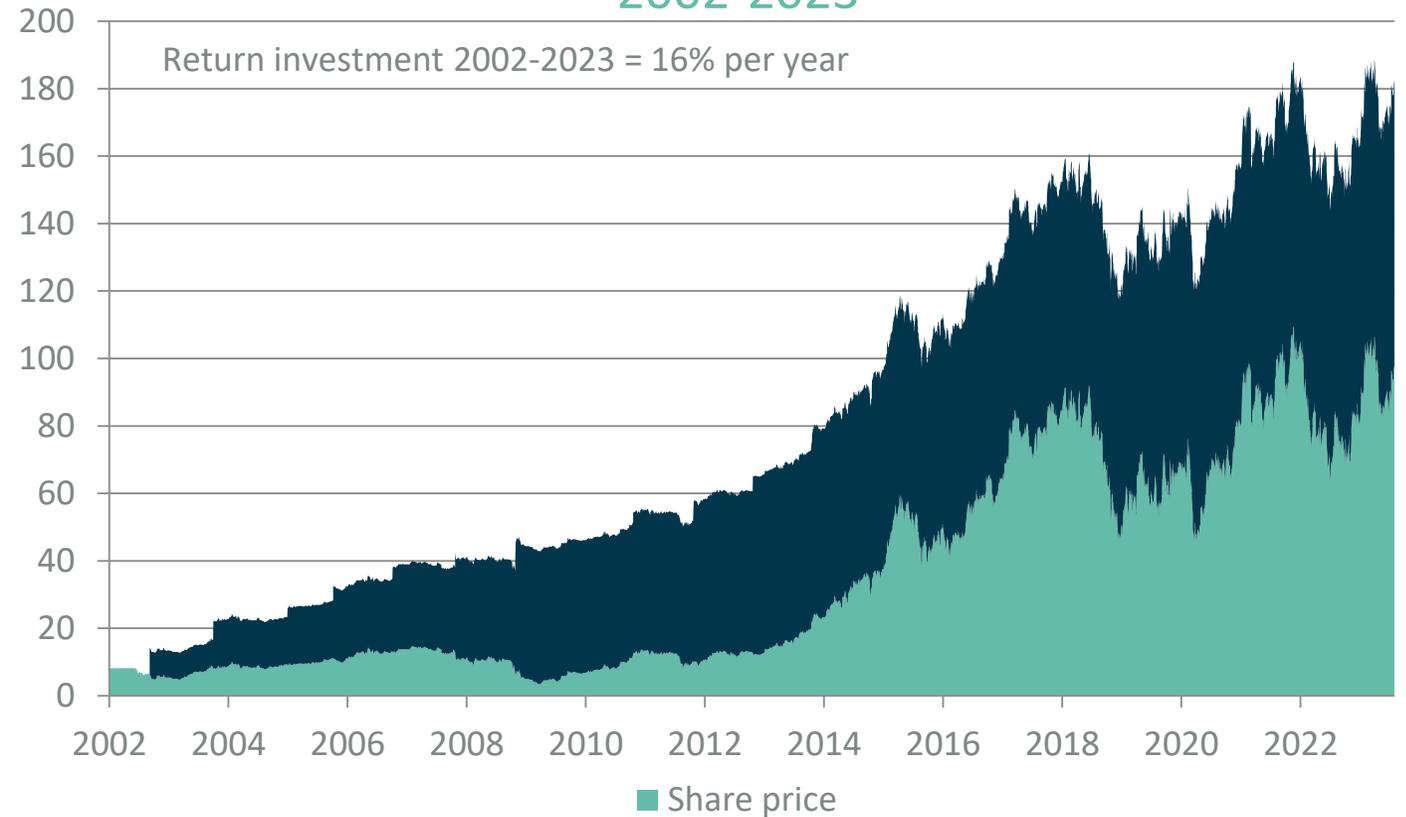
(**) payable October 19, 2023

Shareholders structure & shareholder return

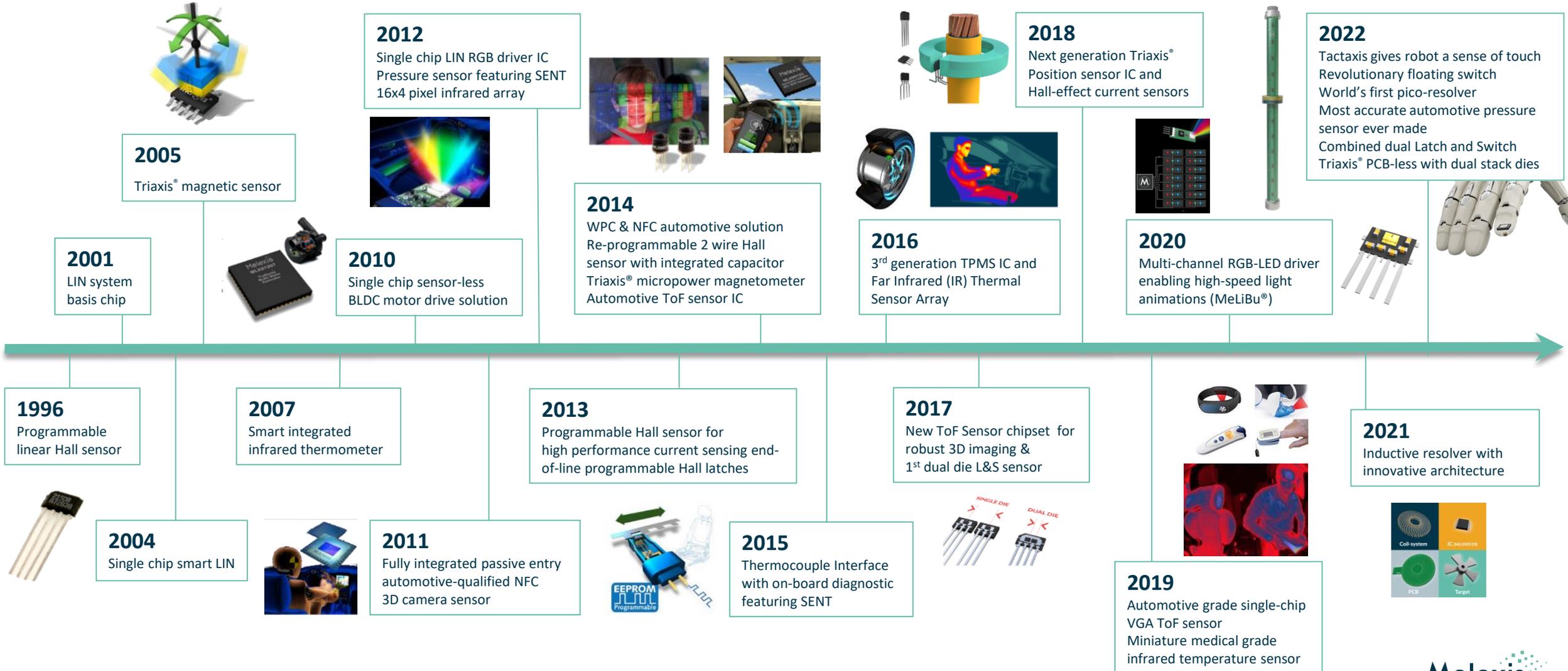
Shareholder structure on 30 June 2023



Shareholder Return 2002-2023



Industry firsts from Melexis



Melexis Investor Relations

Karen van Griensven
CFO

Valerie Kerfs
Senior IR Professional

investor@melexis.com

+32 (0)13 67 07 79