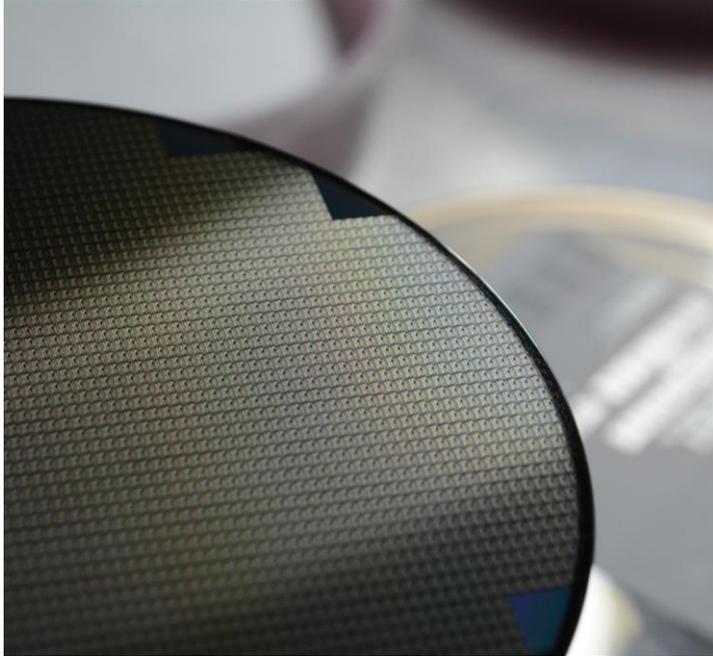


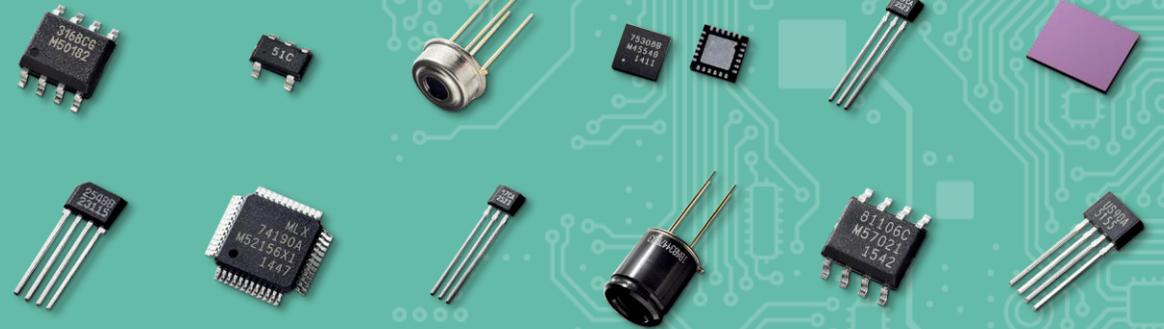


Presentation results FY 2022

What do we do?



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



Common denominator: sensing & driving is everywhere



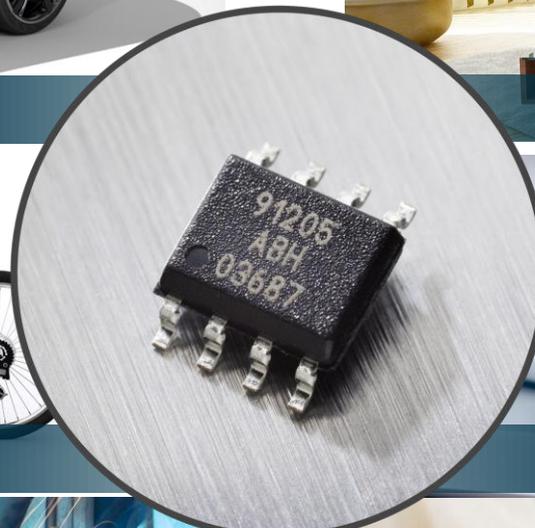
Automotive



Home



Motorcycles and e-bikes



Consumer

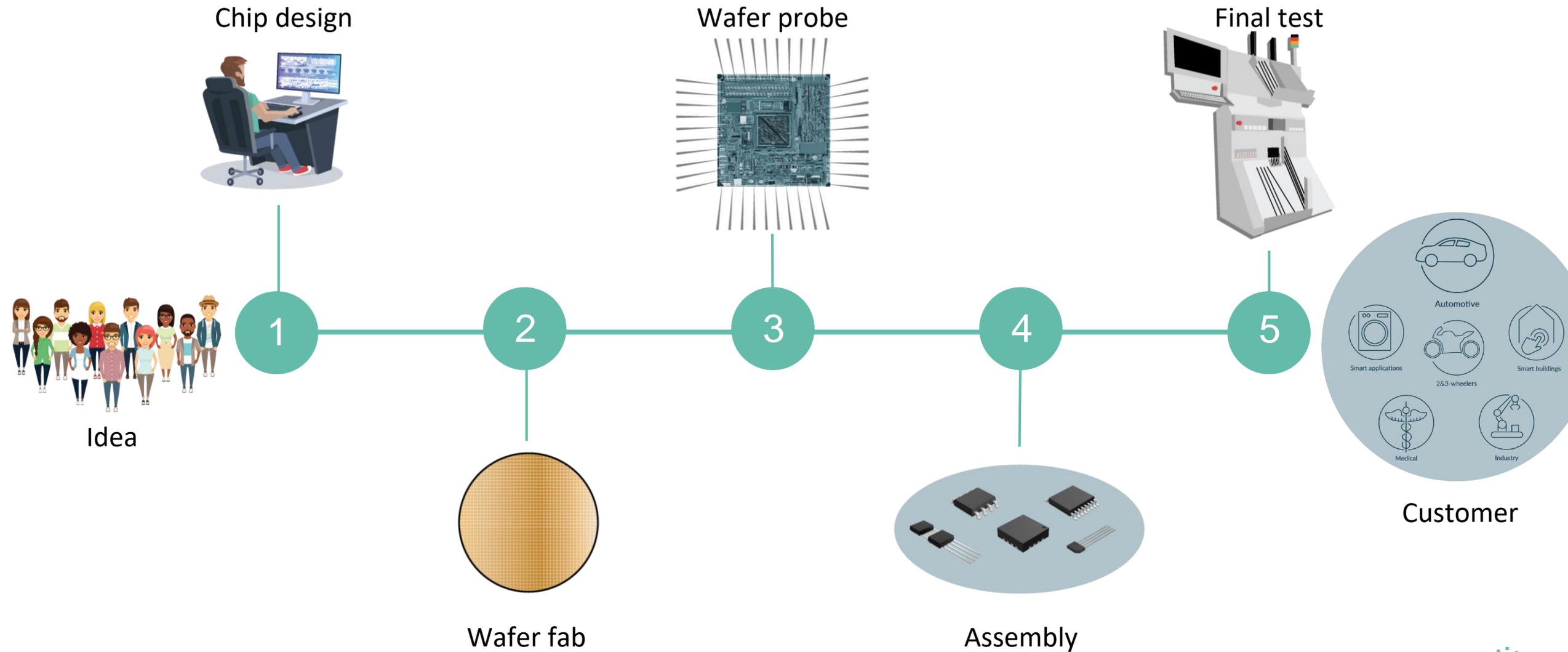


Industry



Healthcare

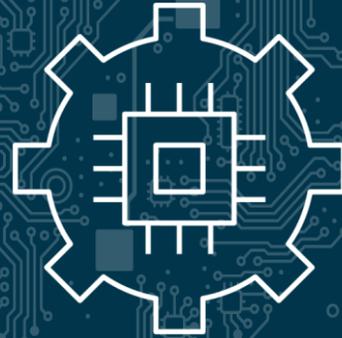
Process flow



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 1,800 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



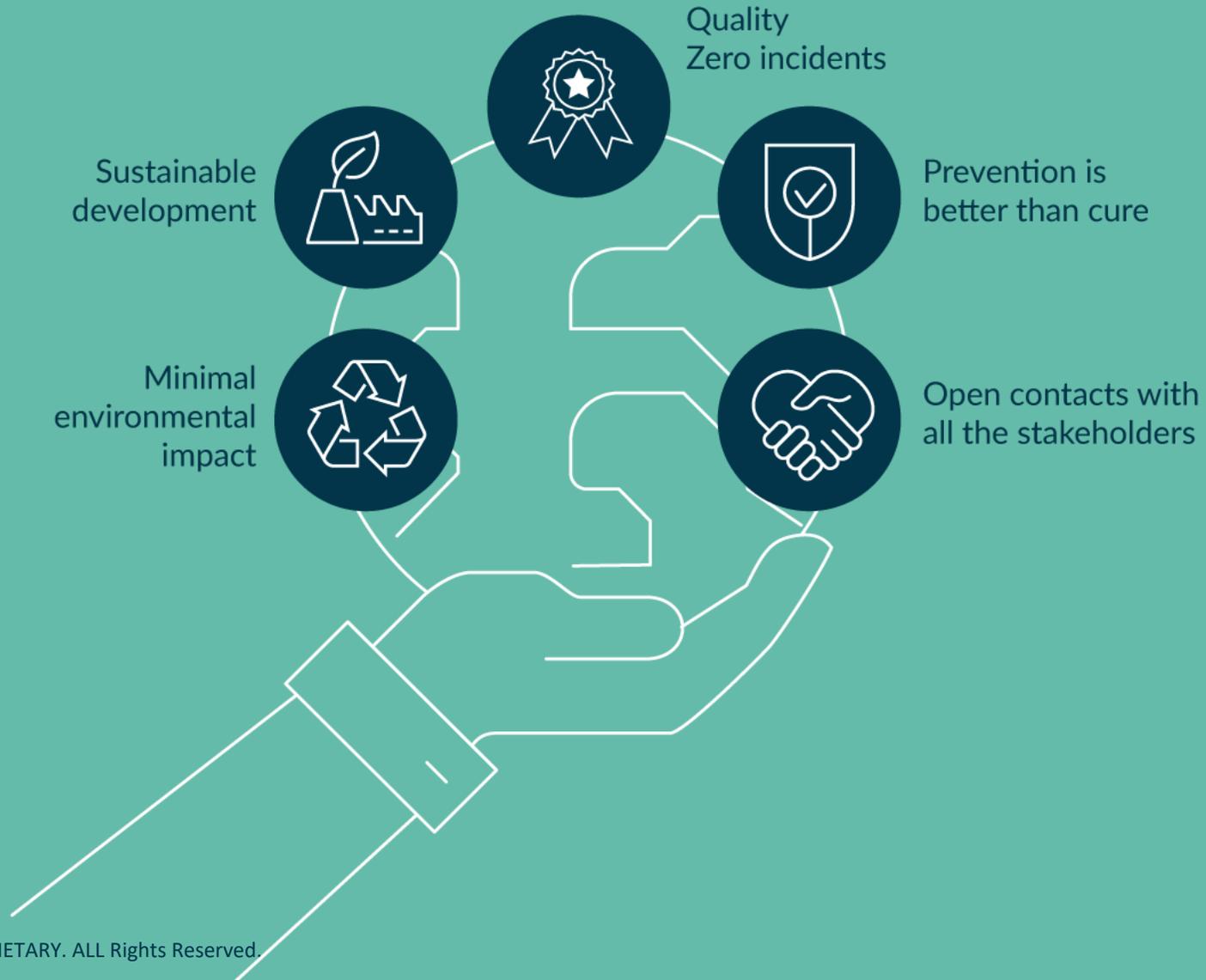
Research & Development

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

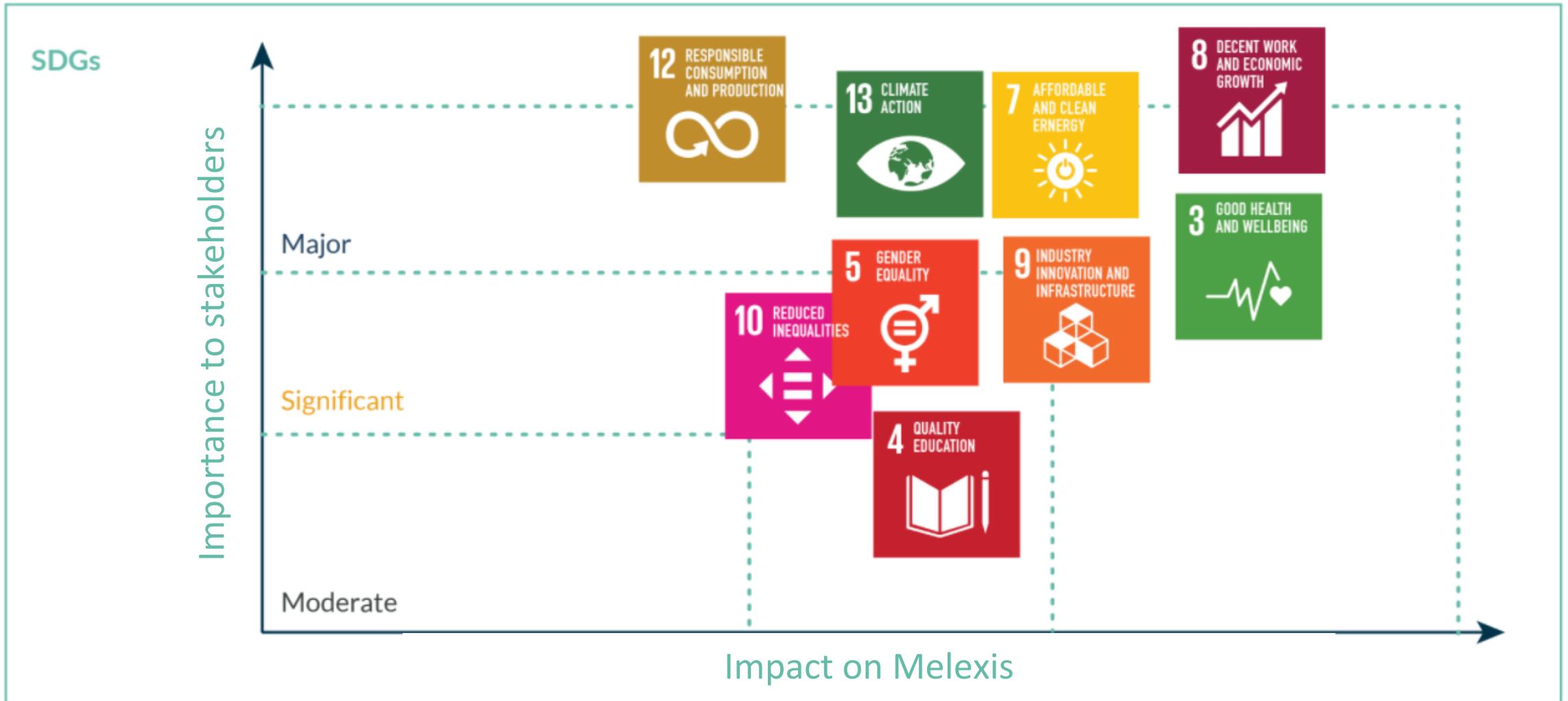


SUSTAINABILITY AT HEART

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



PLANET



ELECTRIFICATION



MICRO MOBILITY



THERMAL MANAGEMENT



MELEXIS ICs SHAPE THE FUTURE



PEOPLE

USER EXPERIENCE

SAFETY

HEALTH



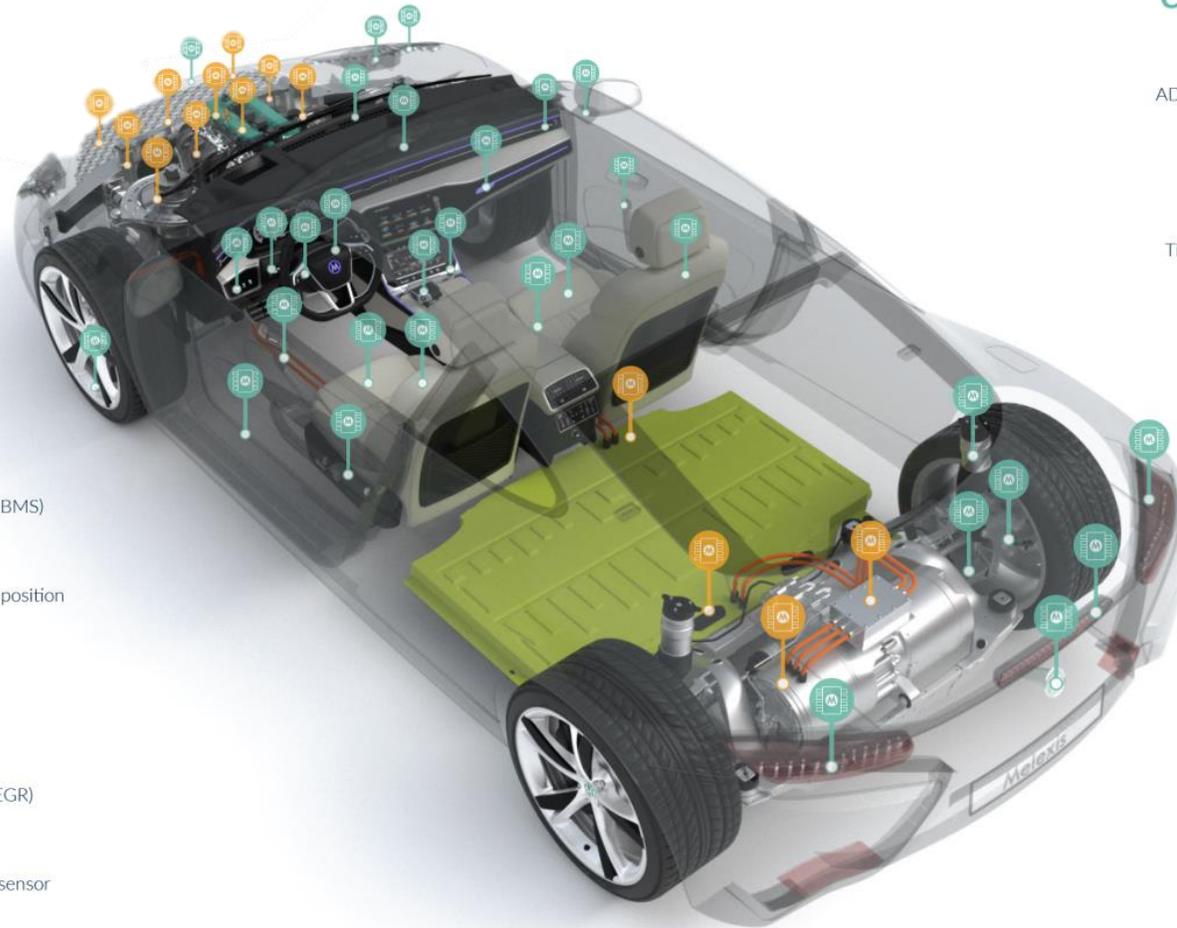
18+ chips
in every
new car *

* 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

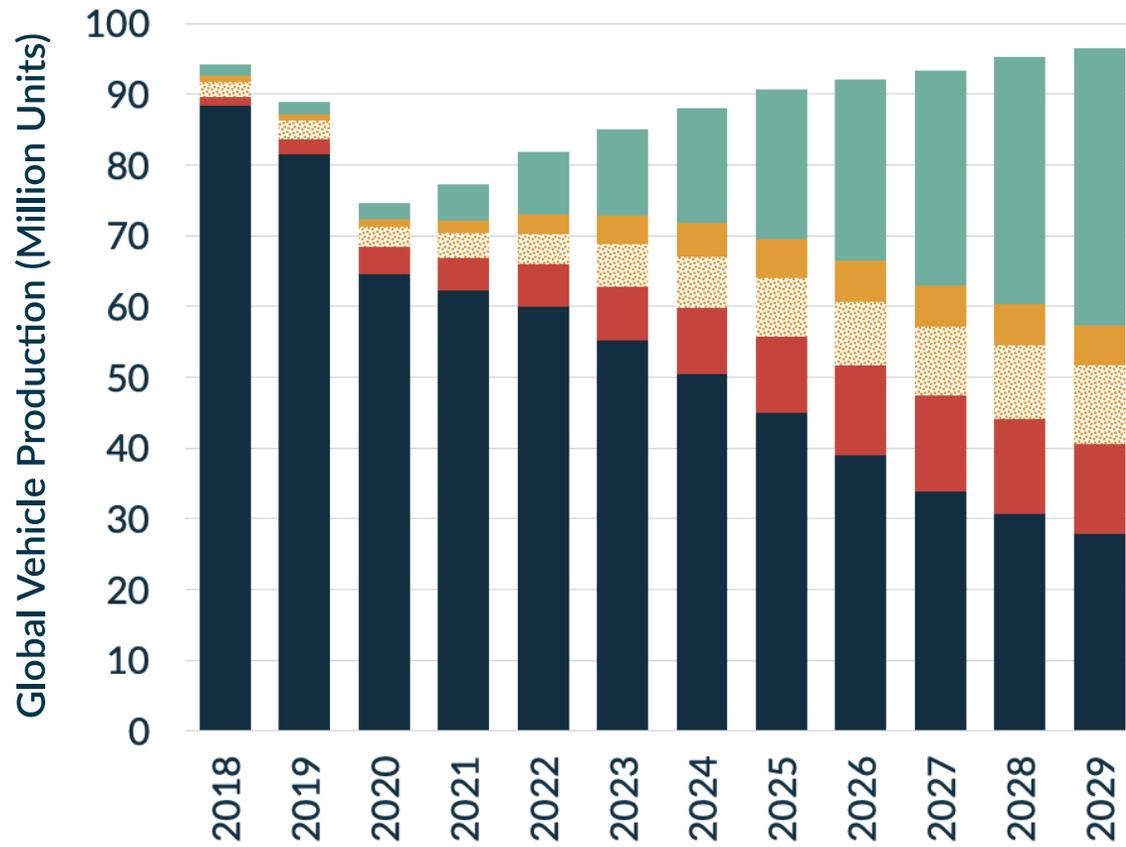
③

ADAS

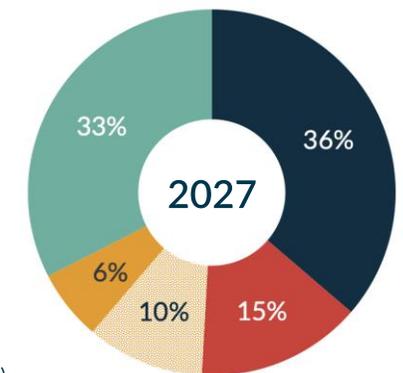
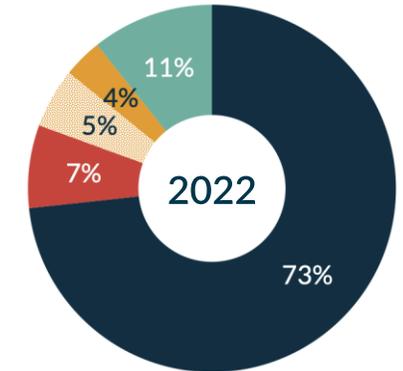
Automotive - From 10 to 20 (ICs/car) – How?



① Electrification



	<u>CAGR 2022-2027</u>
EV	+28 %
pHEV	+16 %
fHEV	+18 %
mHEV	+18 %
ICE & μHEV	-11 %

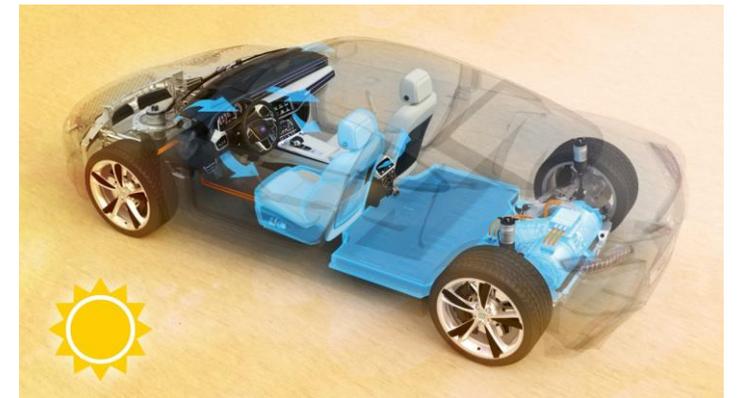
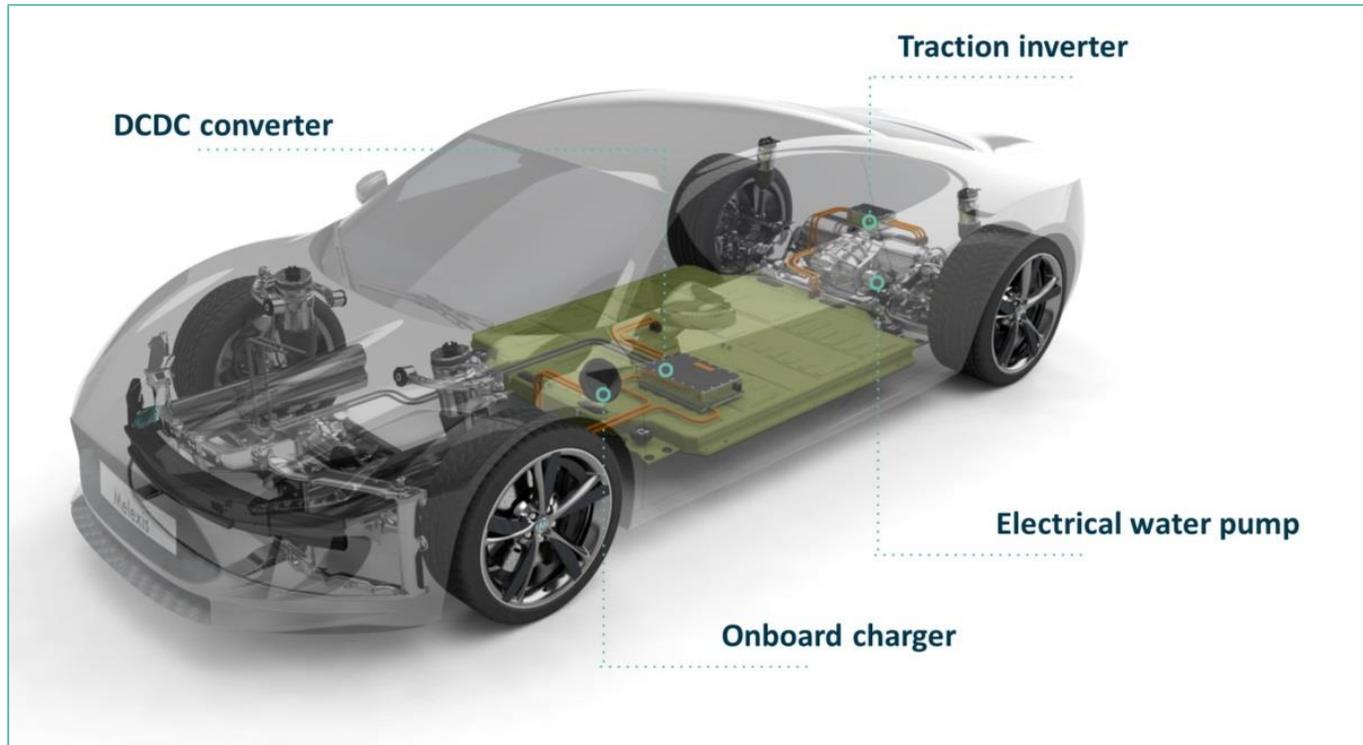


Source: S&P Global Mobility - Light Vehicle Alternative Propulsion Forecast (07/2022)

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



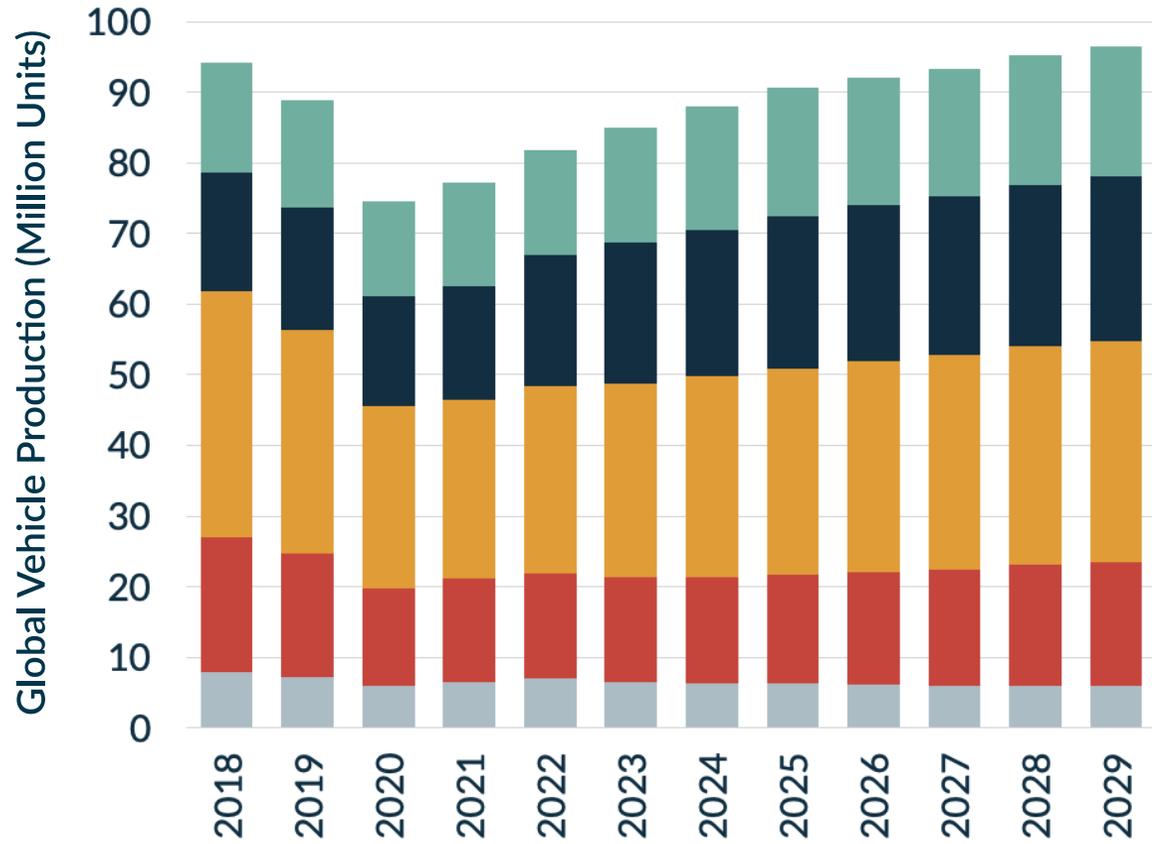
① Electrification



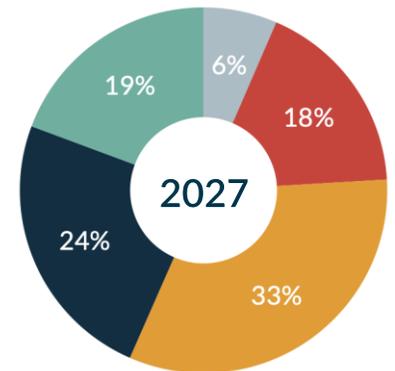
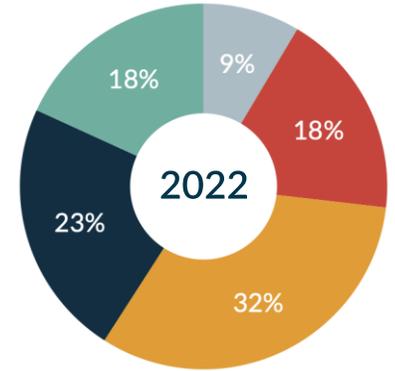
Automotive - From 10 to 20 (ICs/car) – How?



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.

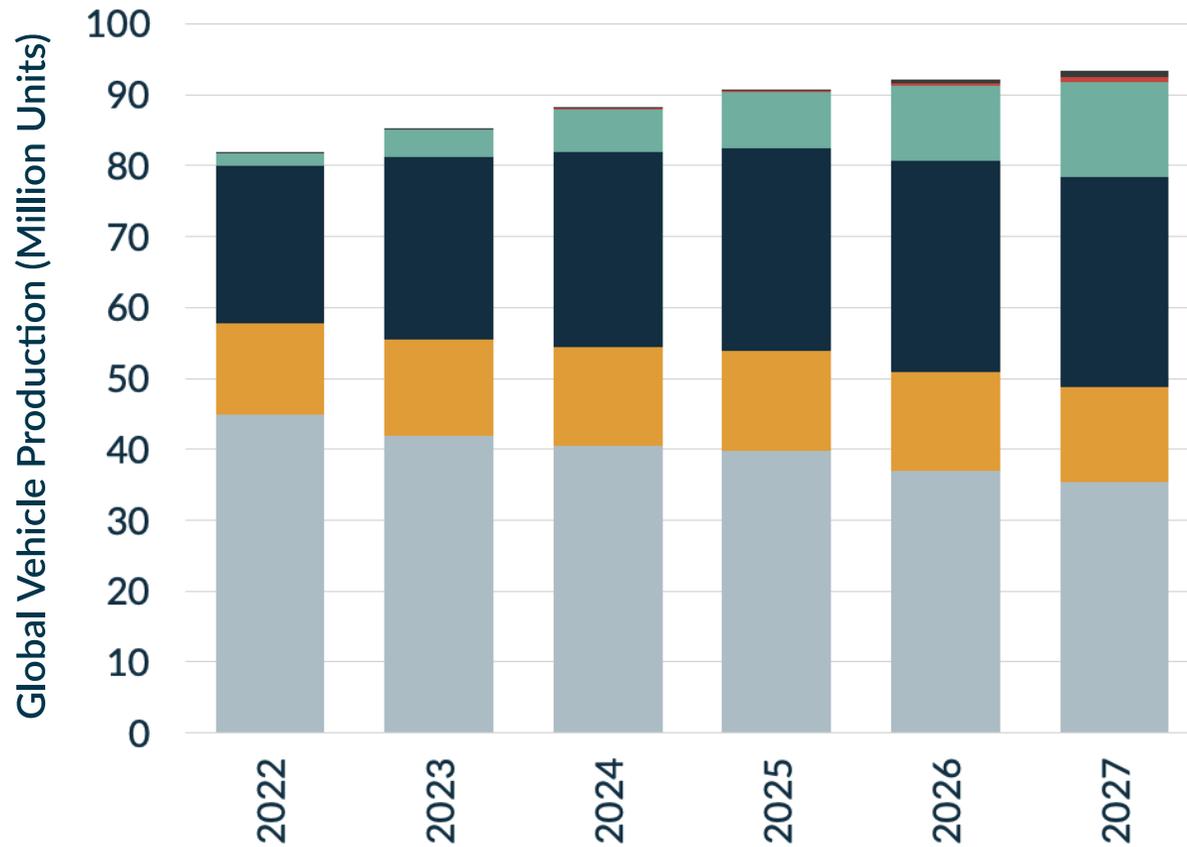
Melexis
INSPIRED ENGINEERING

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

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

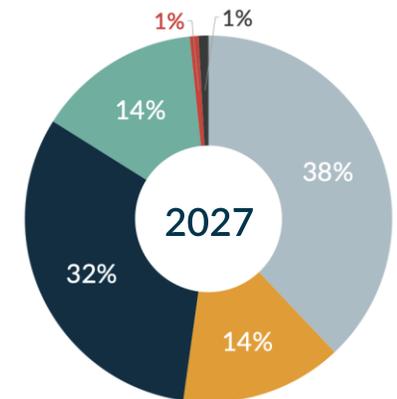
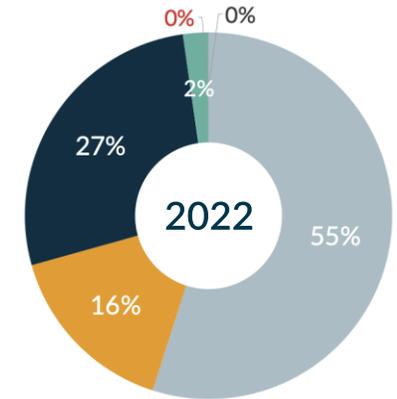


③ ADAS (Advanced Driver Assistance Systems)



CAGR 2022-2027

Level 4	+319 %
Level 3	+238 %
Level 2+	+49 %
Level 2	+6 %
Level 1	+1 %
Level 0	-5 %



Note: Level = SAE level = degree of automation

Source: S&P Global Mobility - Light Vehicle Production SAE Autonomy Level Forecast (11/2022)

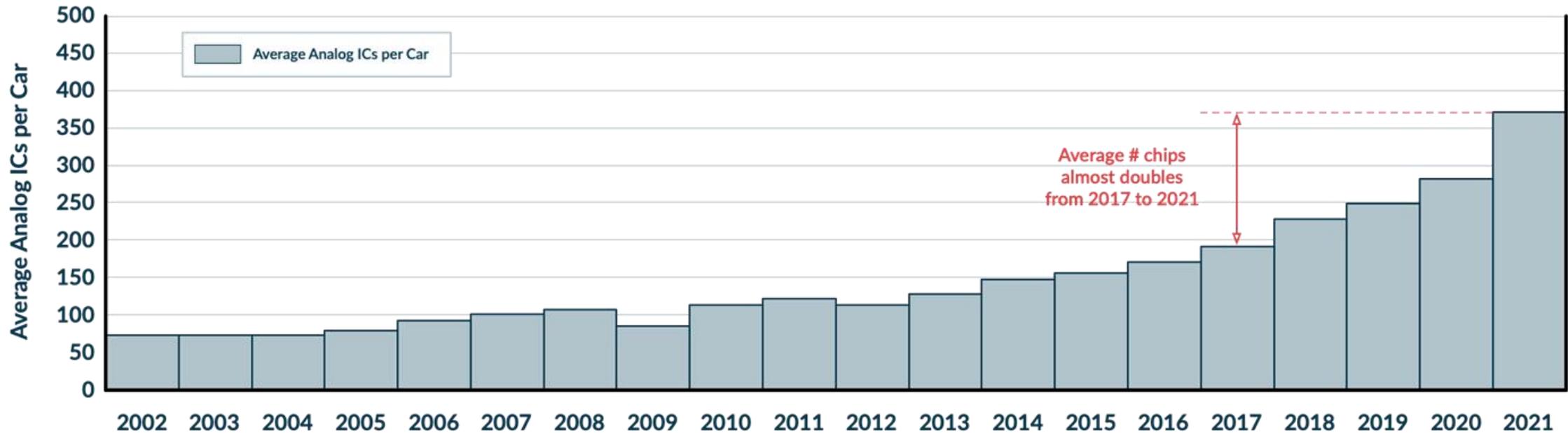
Automotive - From 10 to 20 (ICs/car) – How?



③ ADAS (Advanced Driver Assistance Systems)



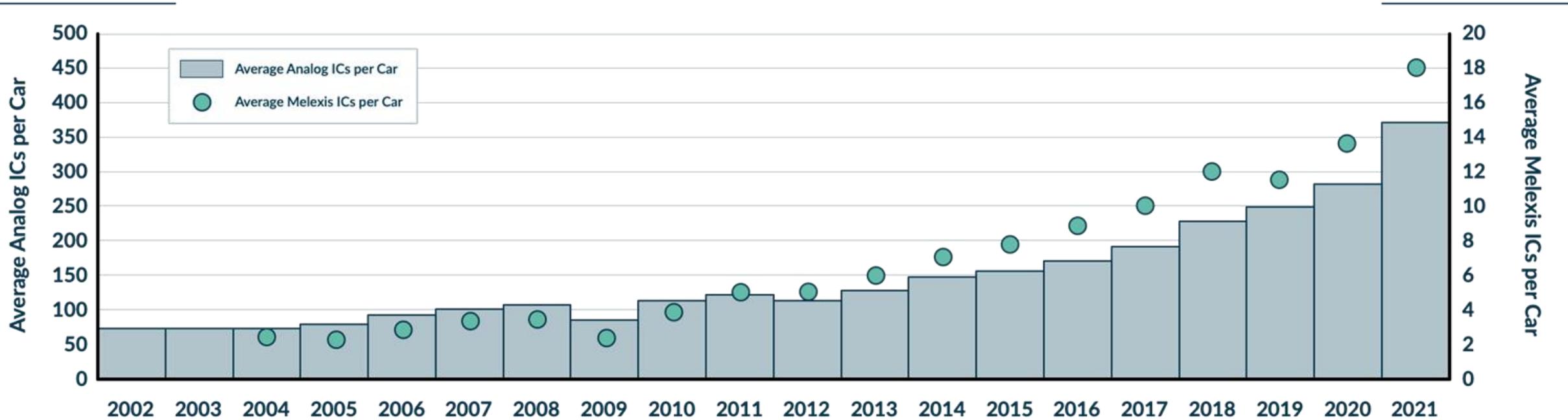
Accelerated Demand for Automotive Analog ICs



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

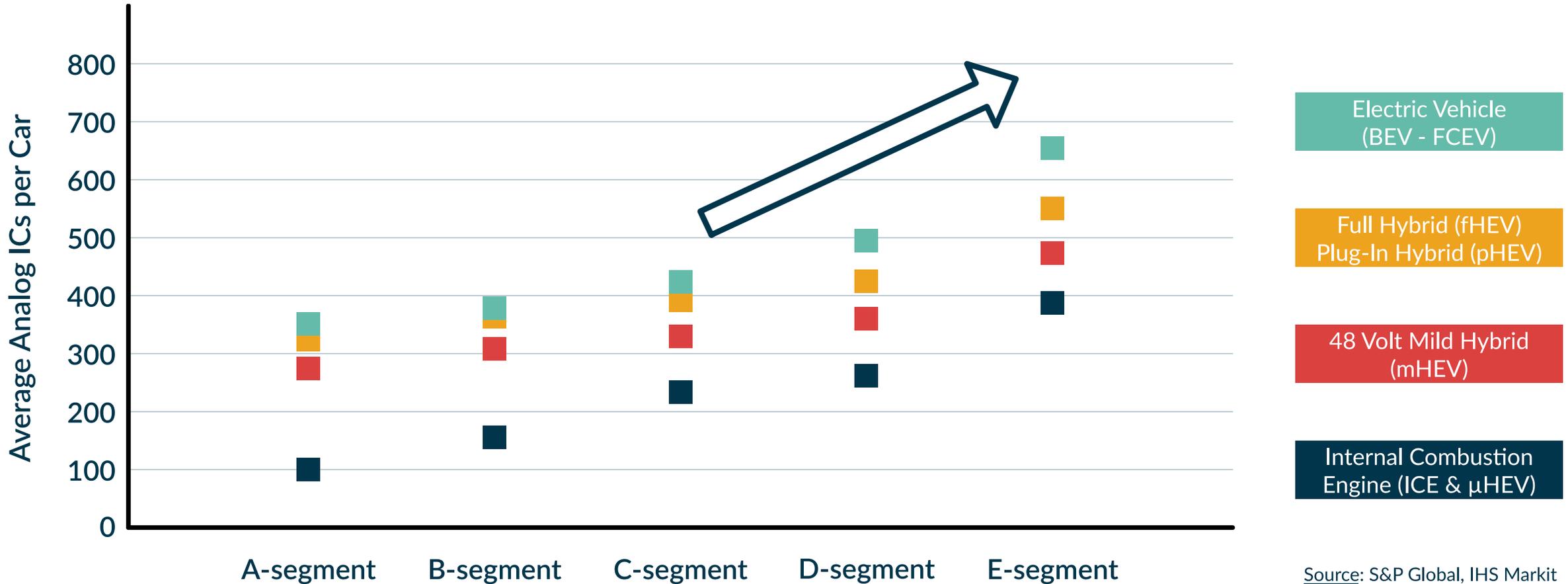


Sources: IHS Markit Light Vehicle Production, WSTS, Melexis

- Power management ICs (for Electronic Control Unit [ECU], Systems-on-Chips [SoC], etc.)
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- Driver ICs for electric motors, LEDs (lighting), displays, 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

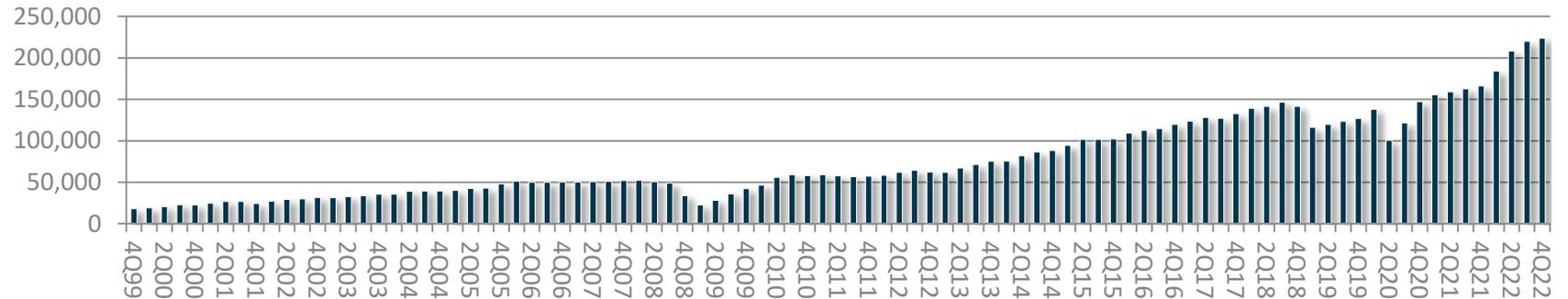
Gaming, white goods, e-toys. Melexis ICs bring performance and user friendliness.

Evolution financials 1999-2022

Turnover

Q4 2022: 223.9 mln EUR

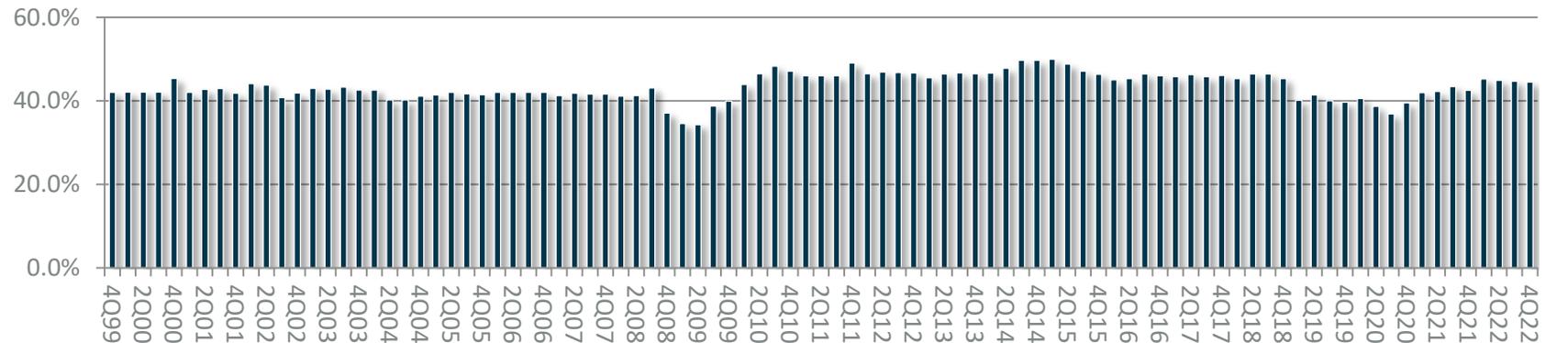
FY 2022: 836.2 mln EUR



Gross profit margin

Q4 2022: 44.5%

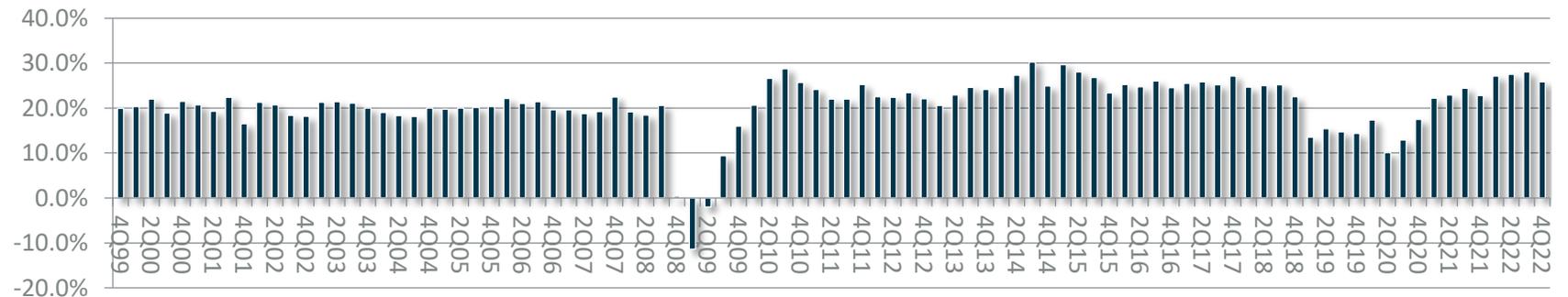
FY 2022: 44.8%



Operating margin

Q4 2022: 25.8%

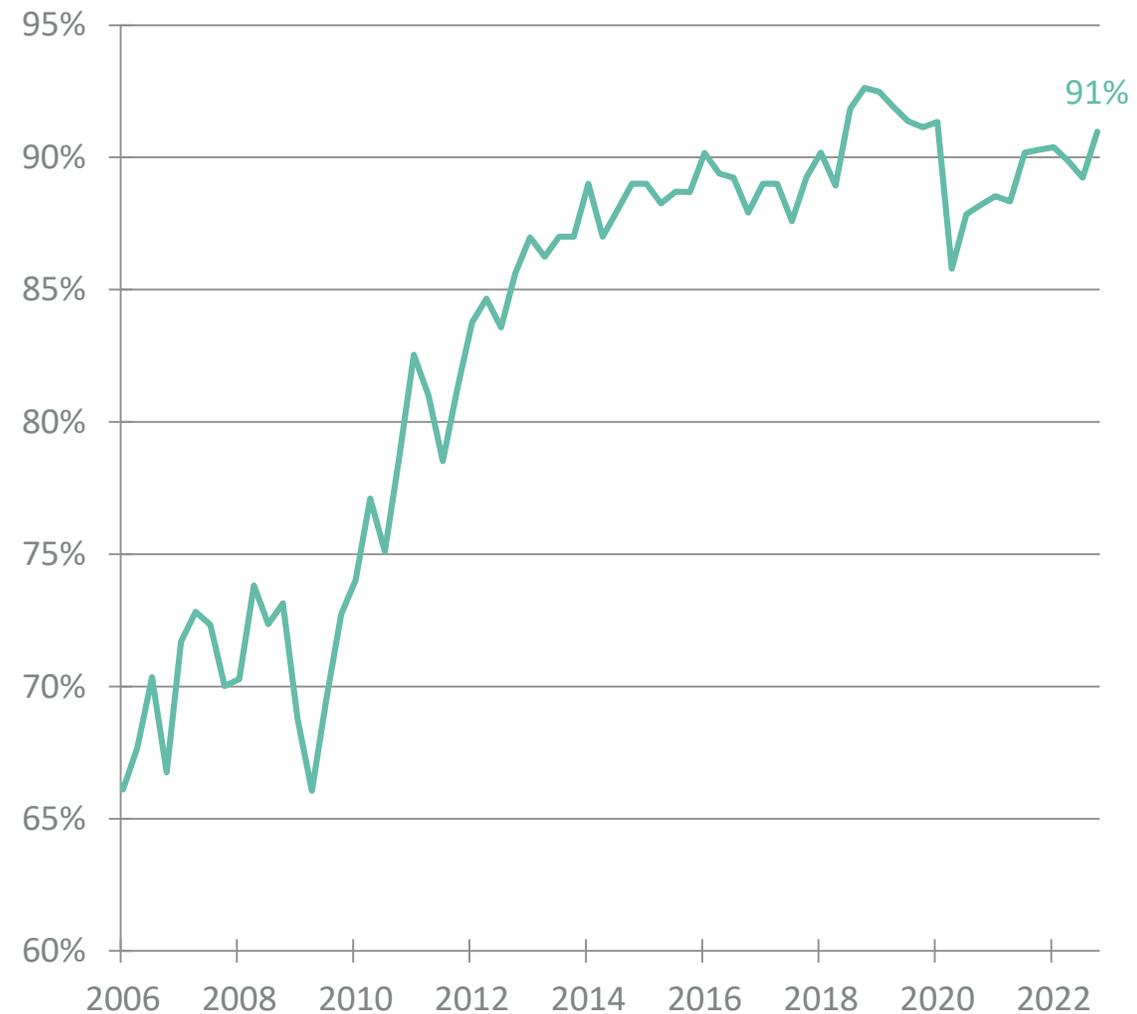
FY 2022: 27.1%



% ASSP sales



% automotive sales



FY 2022 results at a glance

Sales

836.2m EUR

+30% Y-o-Y

Gross margin

44.8%

374.7m EUR

+37% Y-o-Y

Operating result

27.1%

226.5m EUR

+53% Y-o-Y

Net result

4.88 EPS

197.2m EUR

+50% Y-o-Y

Oper. cash flow

(before wcap change)

269.2m EUR

+40% Y-o-Y

Net cash

85.1m EUR

Outlook

Melexis expects sales in the first quarter of 2023 to be in the range of 225 to 230 million euro.

For the full year 2023, Melexis expects sales increase between 11% and 16%, with a gross profit margin around 45% and an operating margin around 26% at the midpoint of the sales guidance, all taking into account a EUR/USD exchange rate of 1.08.

For the full year 2023, Melexis expects CAPEX to be around 70 million EUR.

Profit & loss

FY 2022 versus FY 2021

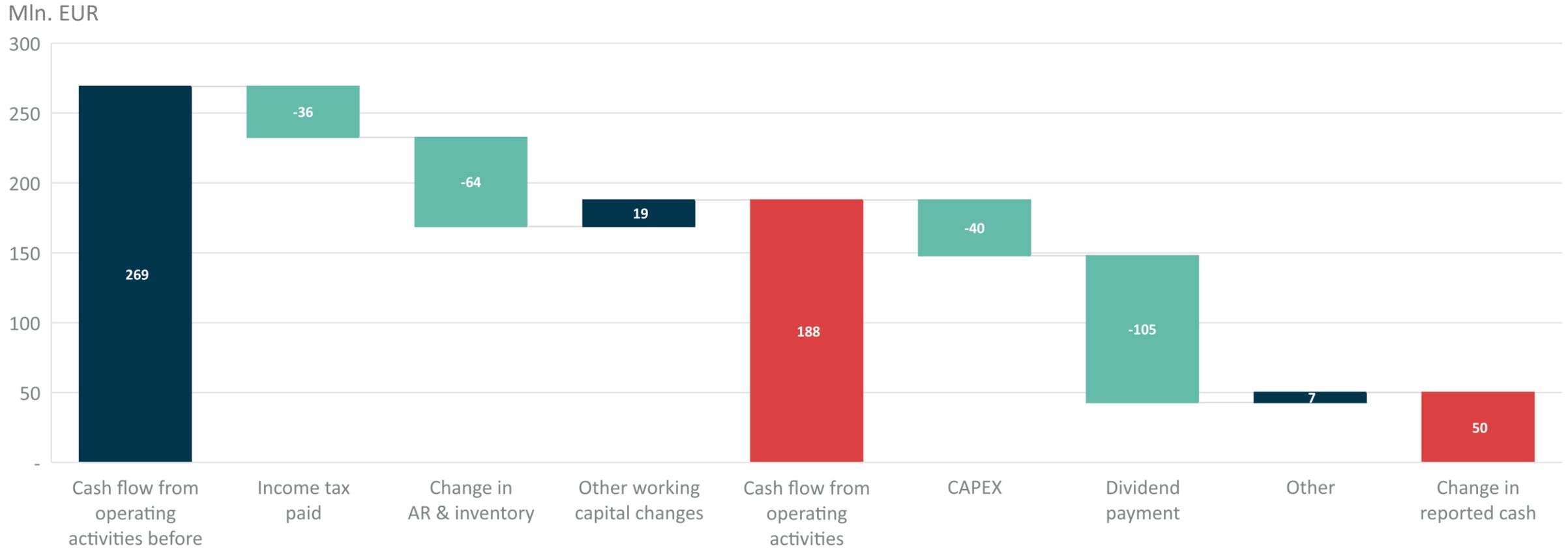
P&L account (in million EUR)	FY 2022	% of Sales	FY 2021	% of Sales
Sales	836.2	100.0%	643.8	100.0%
Cost of goods sold	-461.5	-55.2%	-370.2	-57.5%
Gross margin	374.7	44.8%	273.6	42.5%
R&D	-90.2	-10.8%	-78.4	-12.2%
G&A	-40.9	-4.9%	-32.1	-5.0%
Selling	-17.1	-2.0%	-14.7	-2.3%
EBIT	226.5	27.1%	148.4	23.1%
Net financial result	11.9	1.4%	5.9	0.9%
Income taxes	-41.2	-4.9%	-23.2	-3.6%
Net profit	197.2	23.6%	131.1	20.4%
Earnings per share	4.88		3.25	

Balance sheet

Q4 2022 versus Q4 2021 versus Q3 2022

Balance Sheet (in million EUR)	Q4 2022	Q4 2021	Q3 2022
Total assets	580.2	461.2	582.9
Current assets			
Cash	85.1	35.0	104.5
Inventory	179.6	144.5	175.2
A/R Trade	107.5	80.2	98.9
Non-current assets	172.5	169.3	165.0
Shareholders' equity	482.1	389.1	484.8
Interest bearing debt	0.0	0.0	0.0
Long term	0.0	0.0	0.0
Short term	0.0	0.0	0.0

FY 2022 cash flow

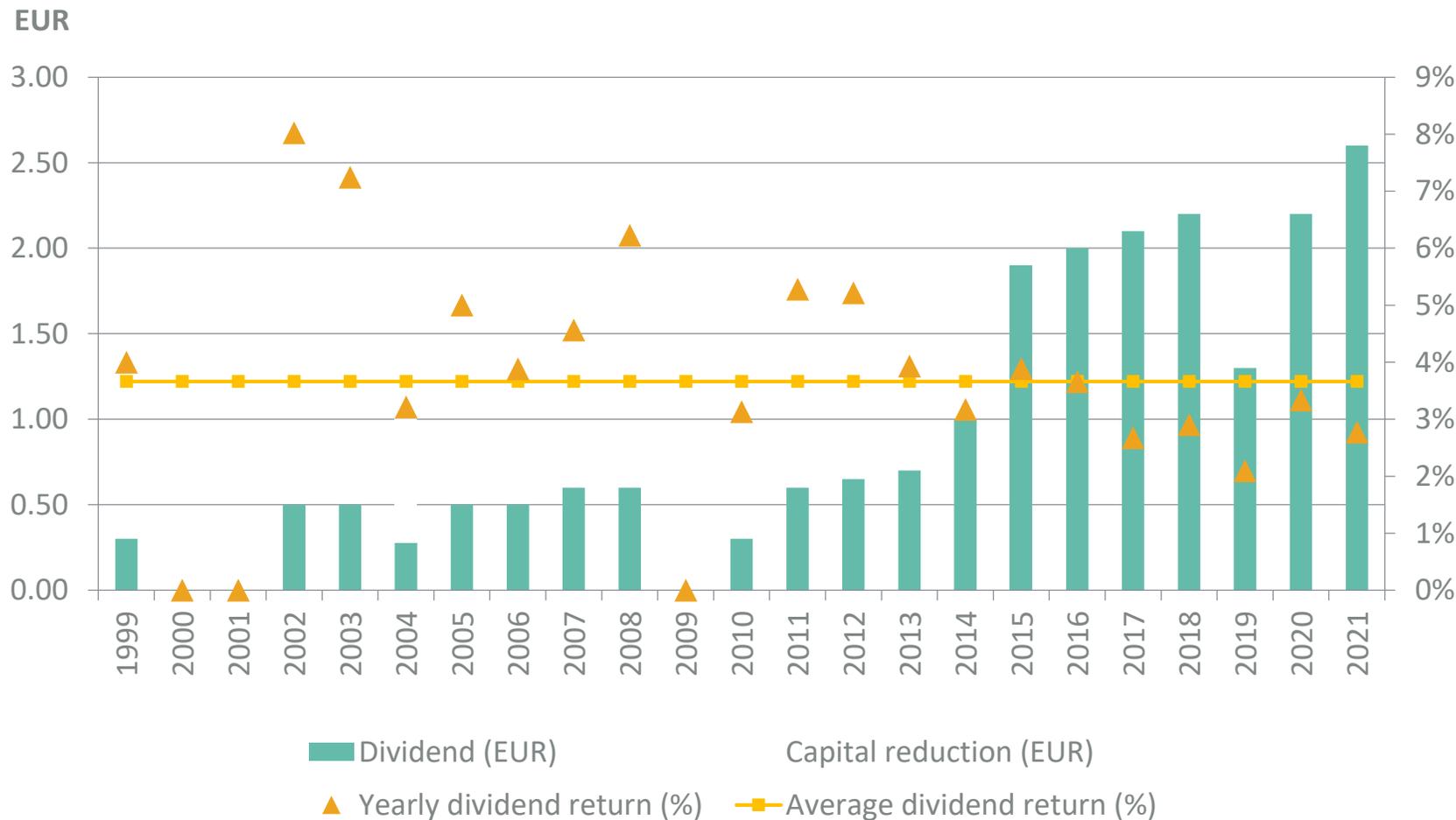


Free cash flow of 161m EUR in 2022 (103m EUR in 2021)

105m EUR dividend paid to the shareholders of Melexis in 2022

Dividend yield

Based on average share price



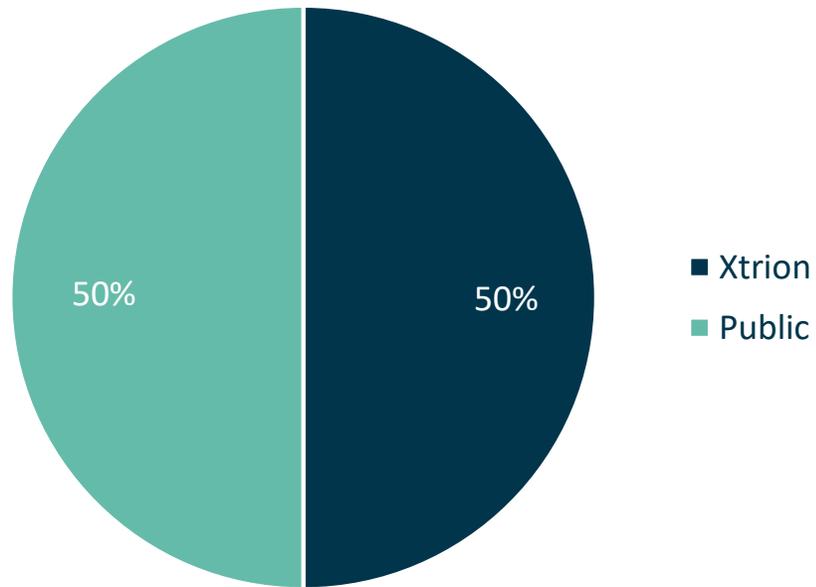
Gross dividend per share (EUR)

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

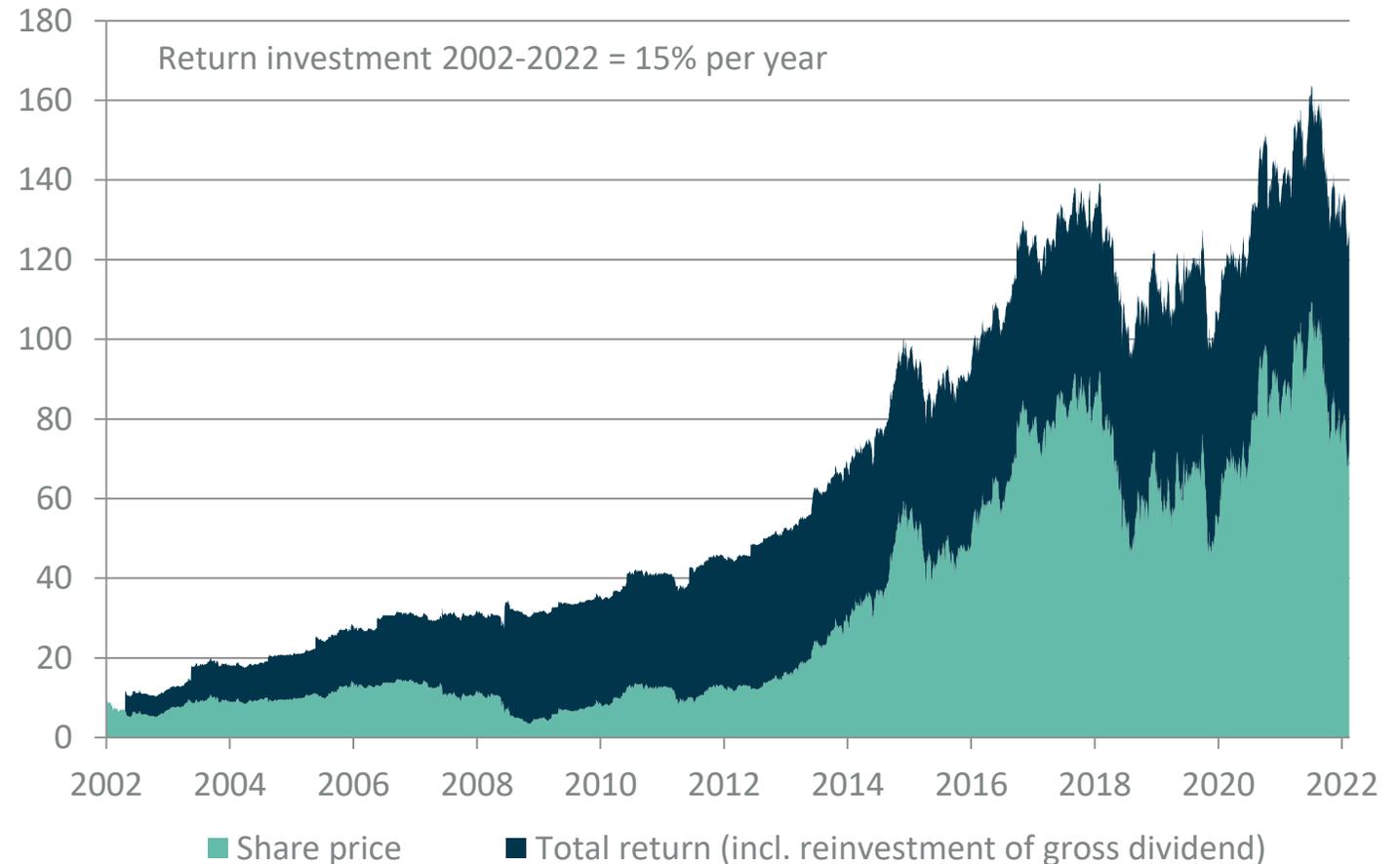
(**) 2.20 final dividend payable as from May 12, 2023

Shareholders structure & shareholder return

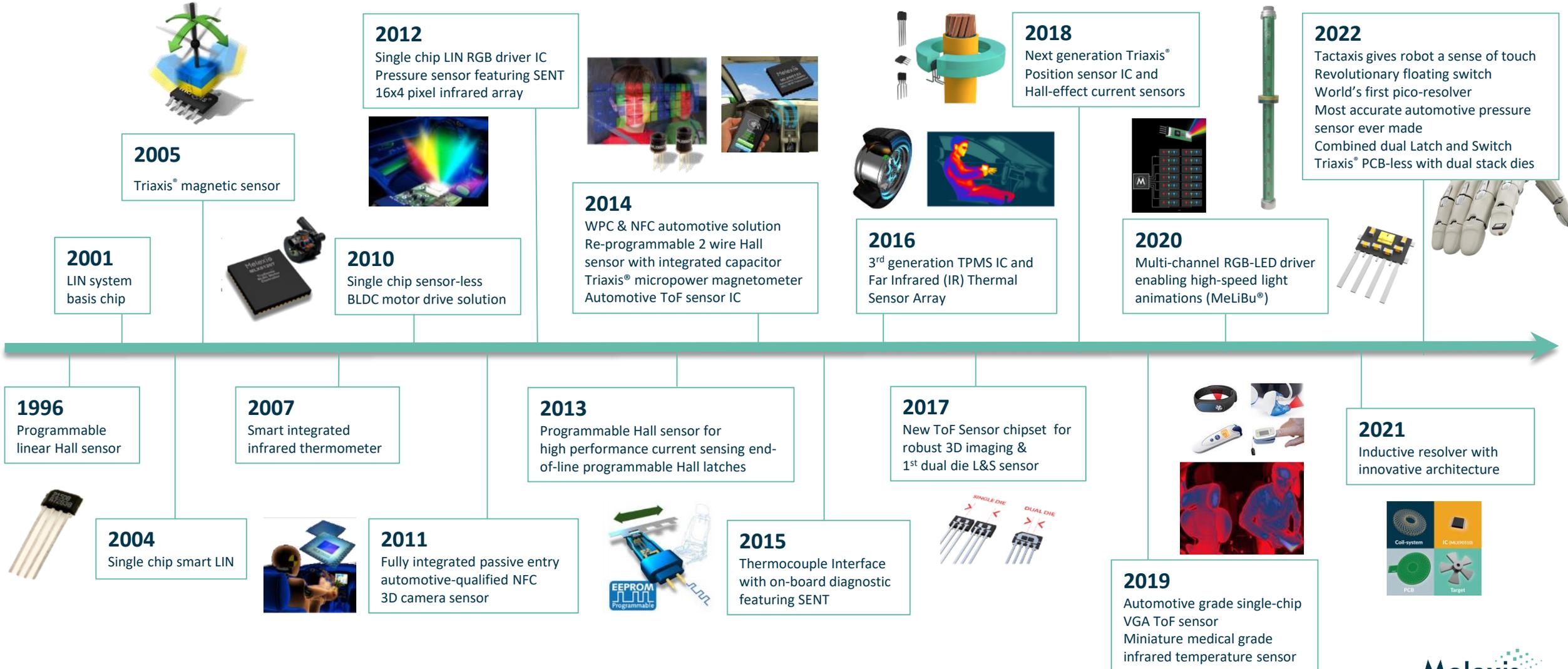
Shareholder structure on 31 December 2022



Shareholder Return 2002-2022



Industry firsts from Melexis



Melexis Investor Relations

Karen van Griensven

CFO

Valerie Kerfs

IR Professional

investor@melexis.com

+32 (0)13 67 07 79