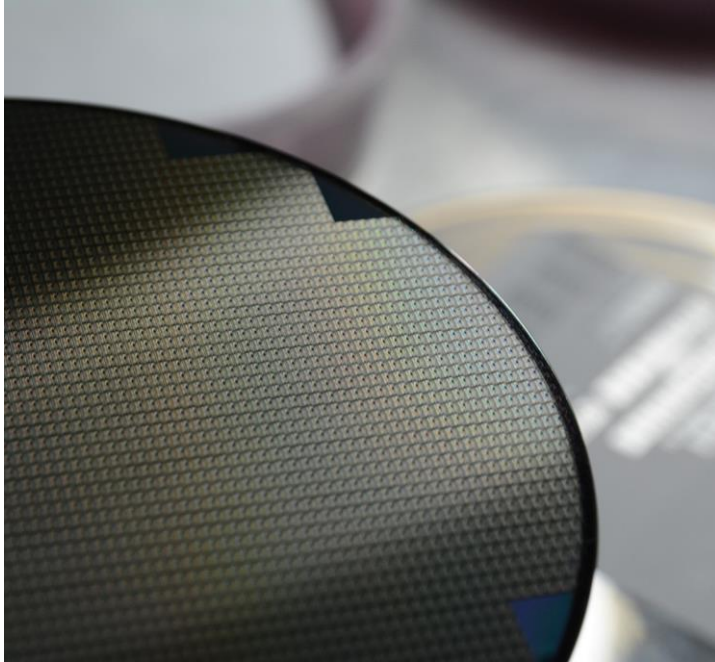


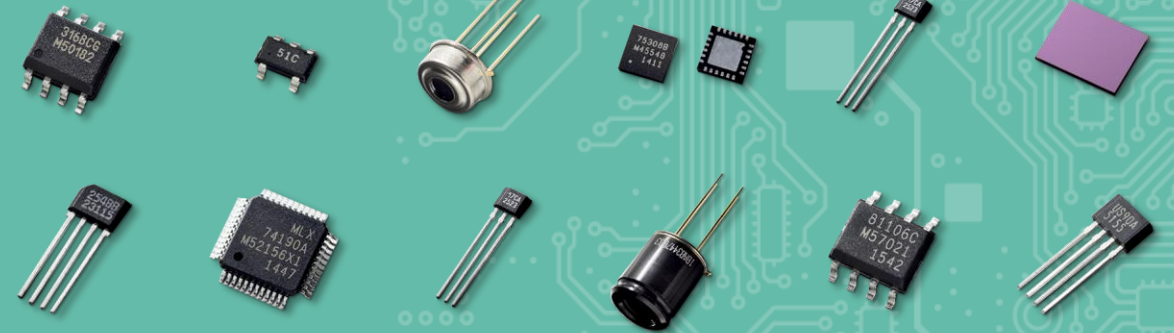


Presentation results Q1 2022

What do we do?



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



Common denominator: sensing & driving is everywhere



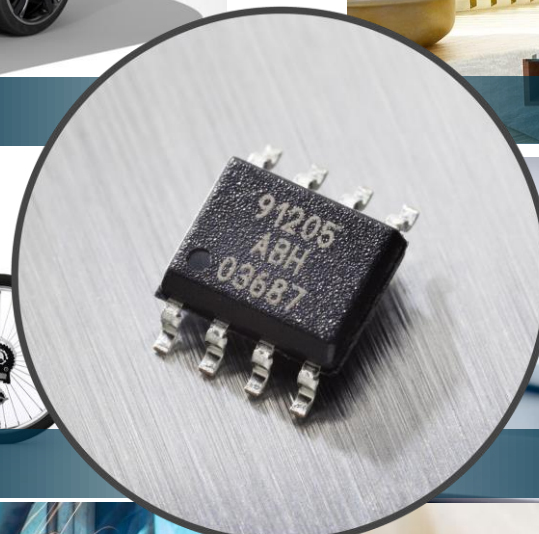
Automotive



Home



Motorcycles and e-bikes



Consumer

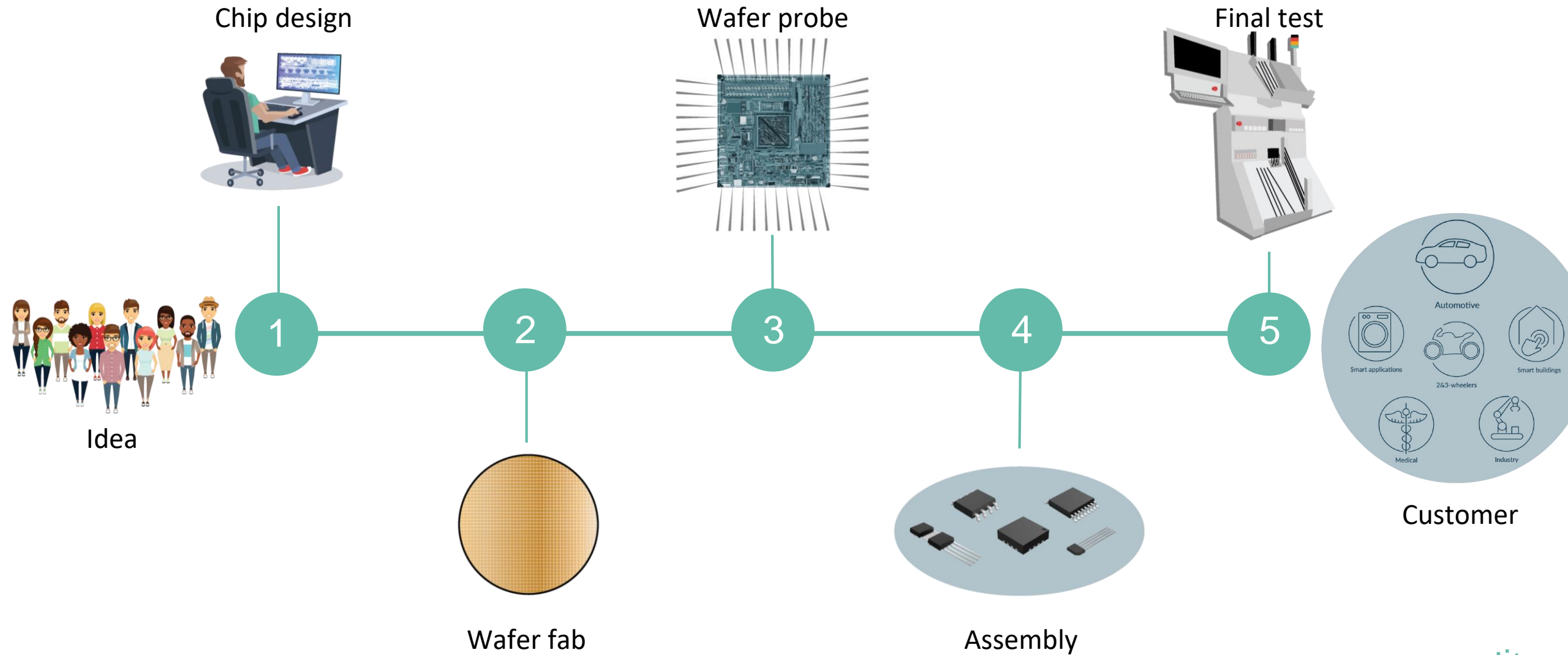


Industry



Healthcare

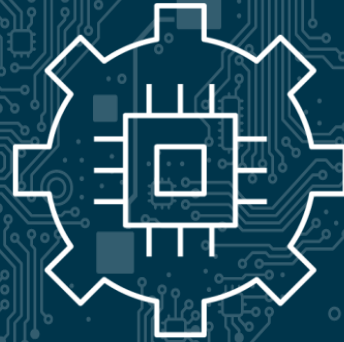
Process flow



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 1500 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



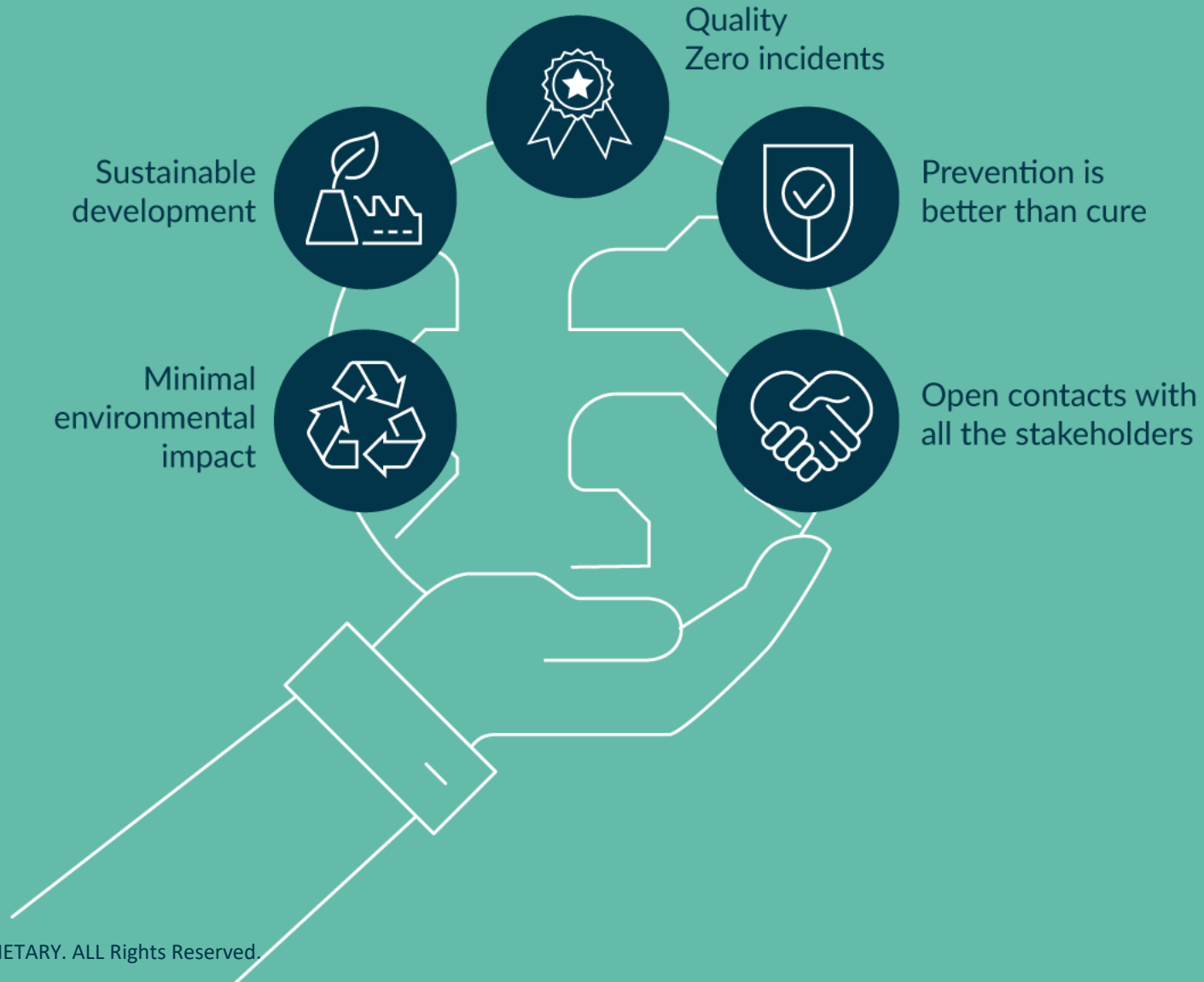
Research & Development

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

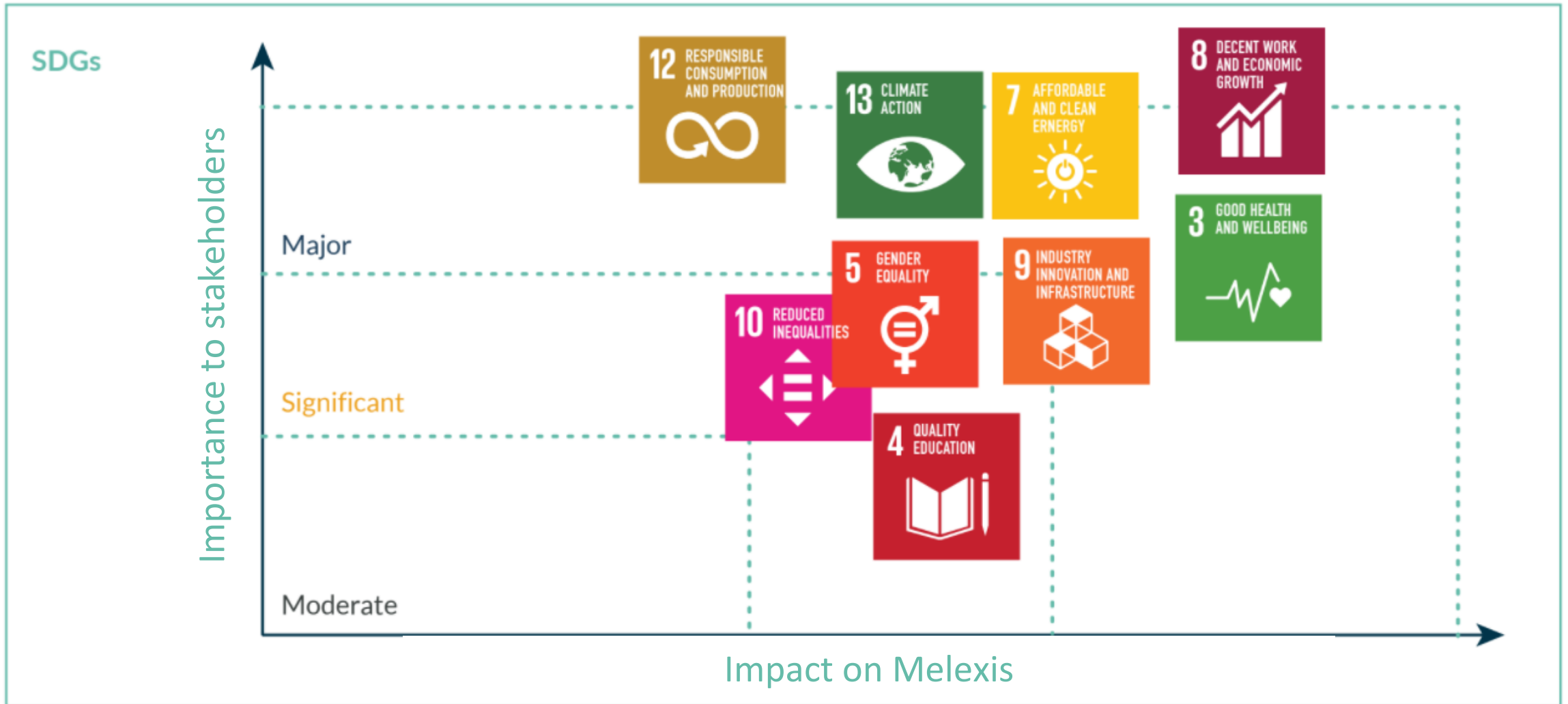


SUSTAINABILITY AT HEART

Our environmental policy is based on five principles



Sustainable Development Goals (SDGs)



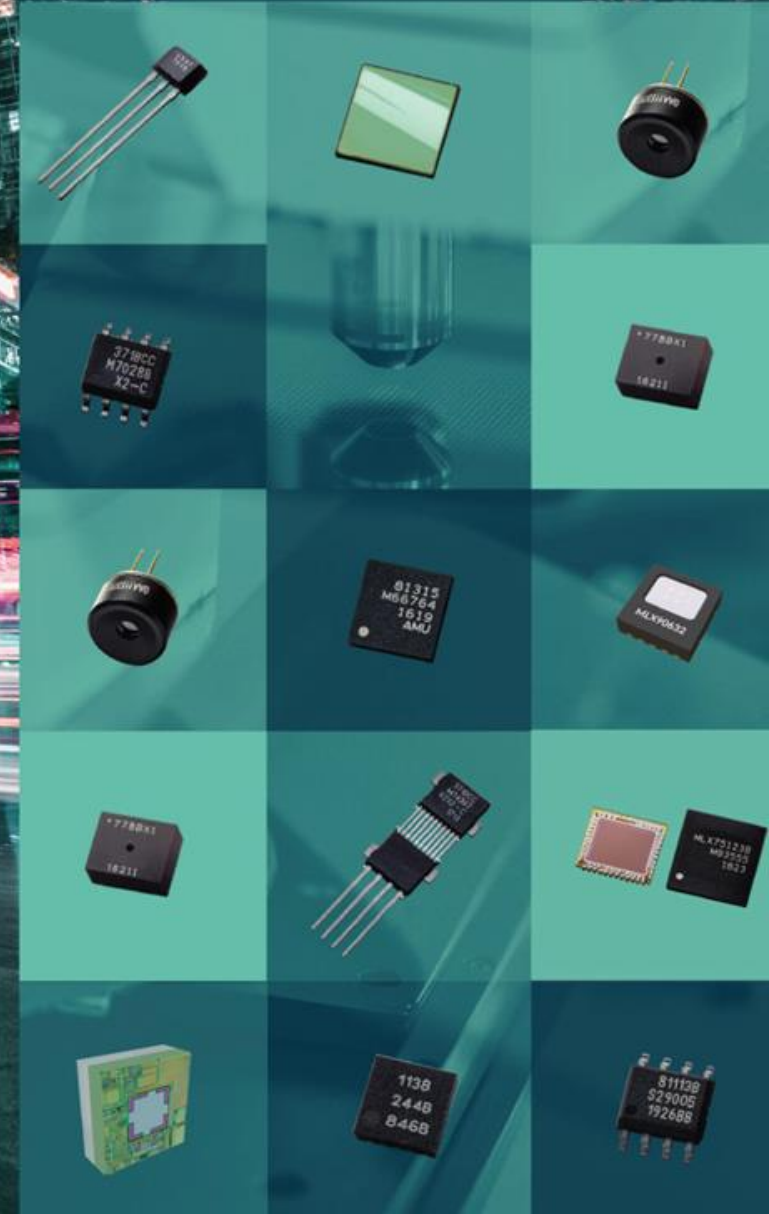
Melexis supplied > 1.7 billion ICs worldwide in 2021



- 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



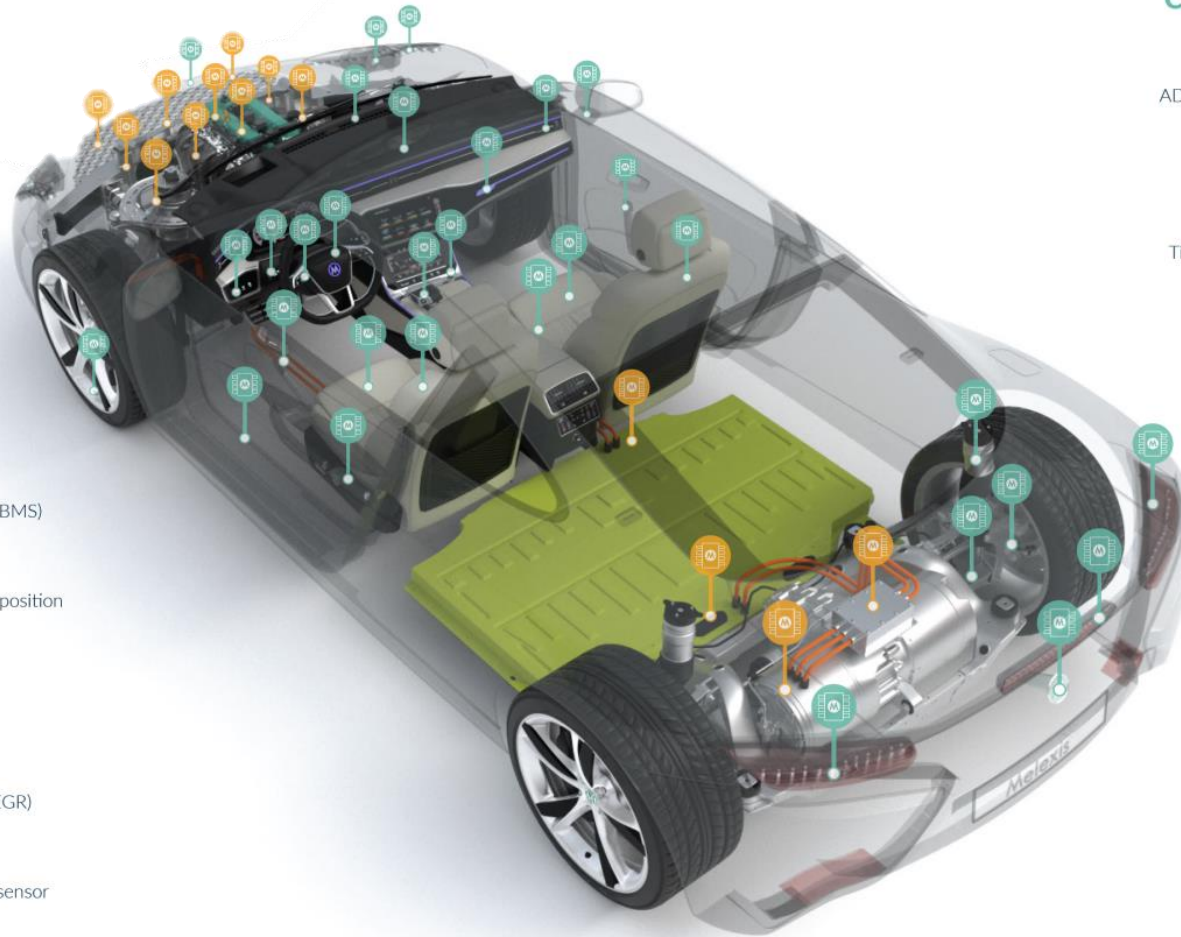
HEALTH



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

Melexis
INSPIRED ENGINEERING

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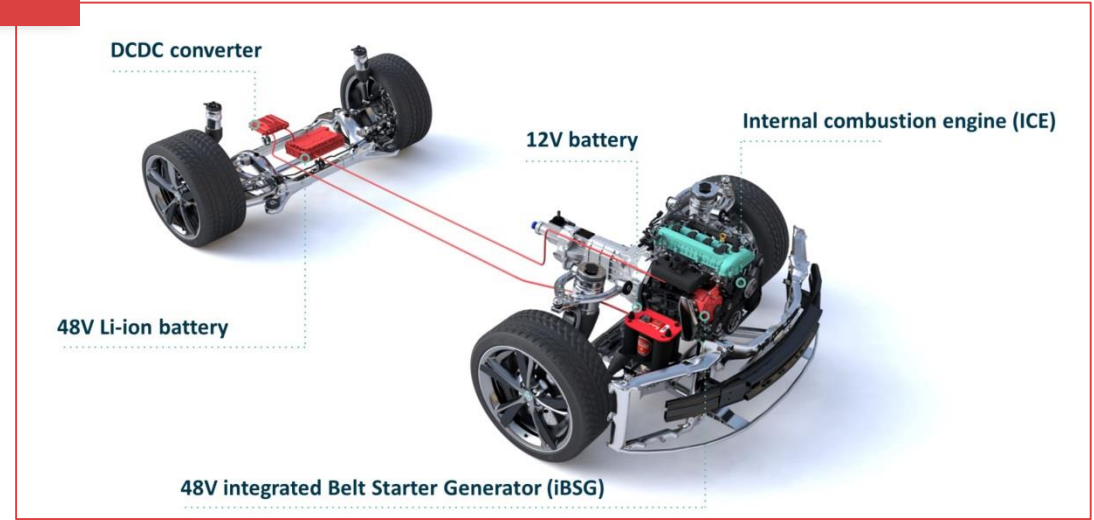
Automotive - From 10 to 20 (ICs/car) – How?



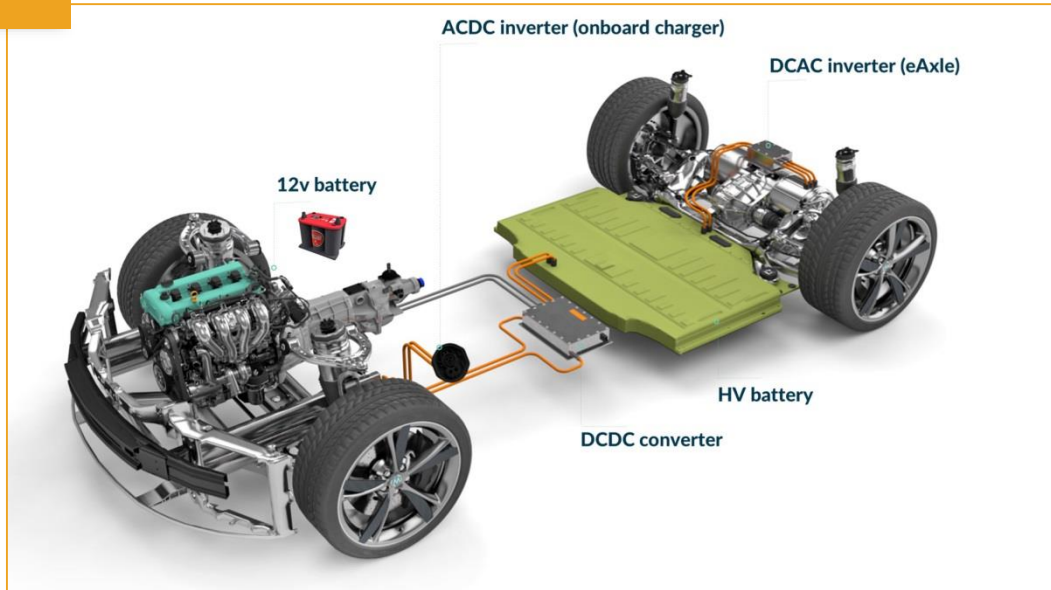
Internal Combustion Engine (ICE + μ HEV)



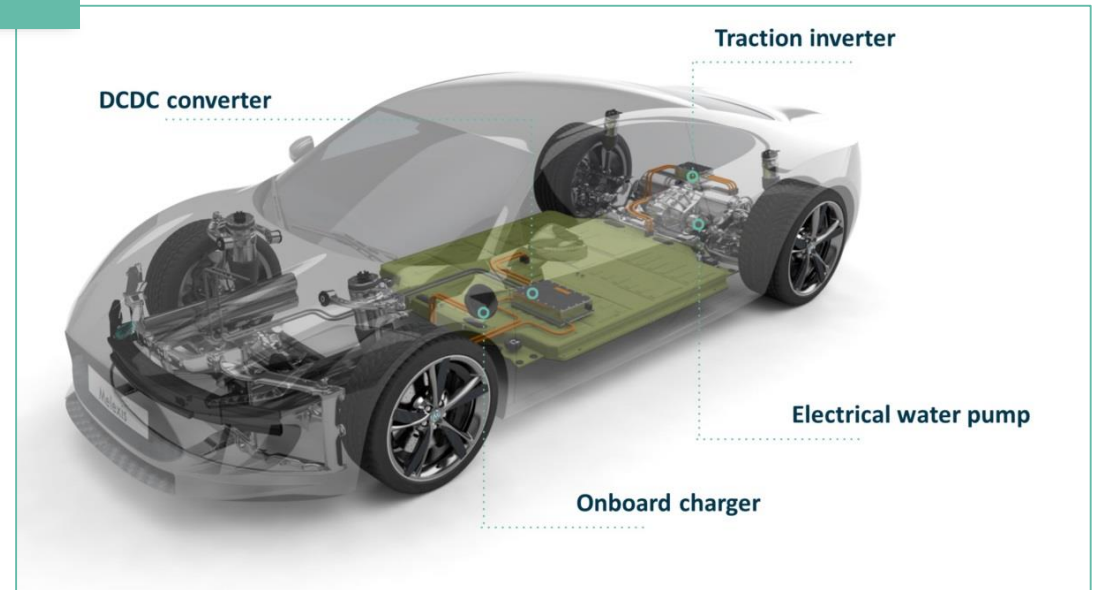
48 Volt Mild Hybrid (mHEV)



Full Hybrid (fHEV) - Plug-In Hybrid (pHEV)

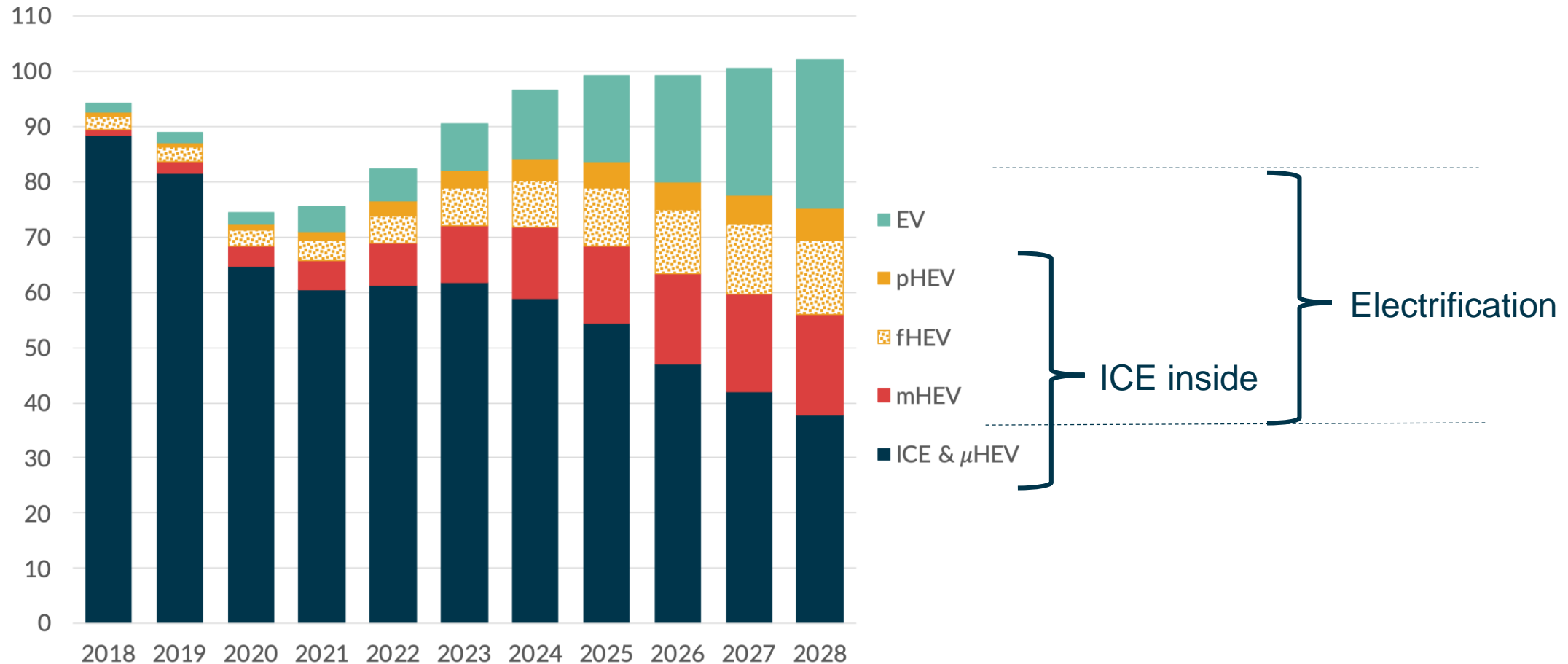
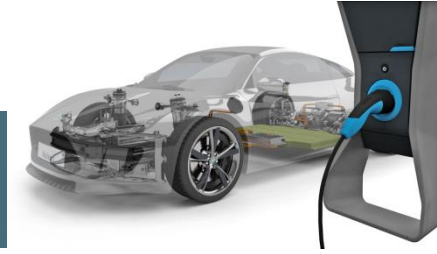


Electric Vehicle (BEV – FCEV)

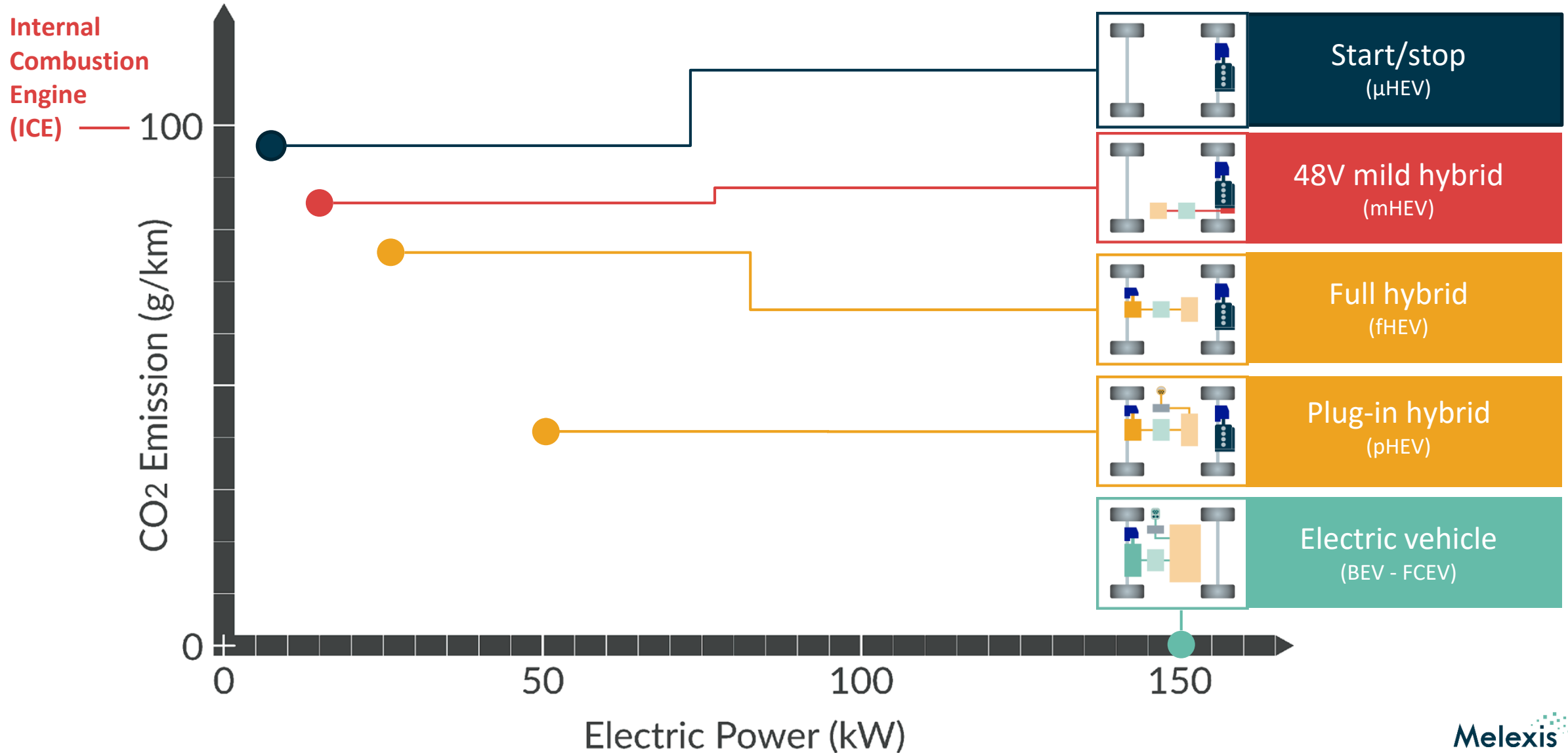


Global vehicle production (million units)

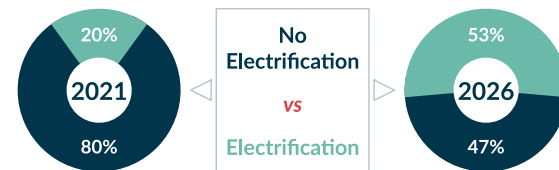
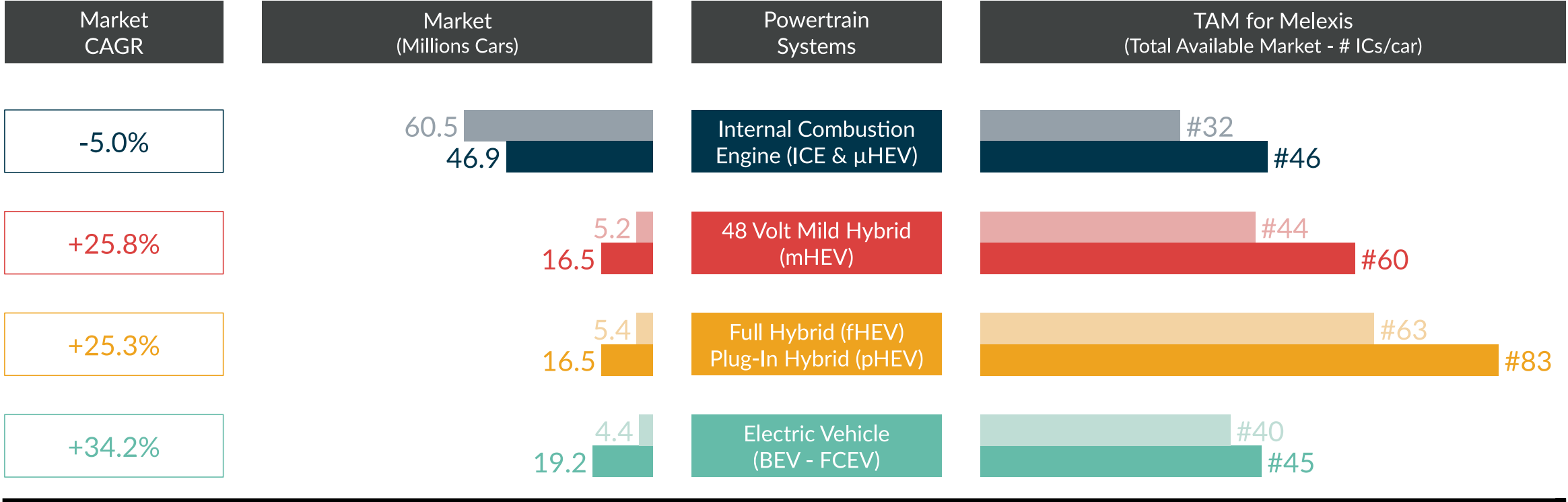
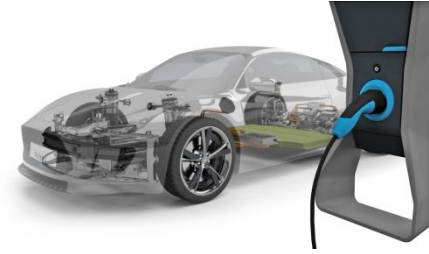
Electrification – Segmentation – Market Split



Automotive - From 10 to 20 (ICs/car)



Powertrain Systems



Chassis

Braking – Steering – Suspension



Body

Lighting – HVAC – HMI - Others



Safety

(Passive)

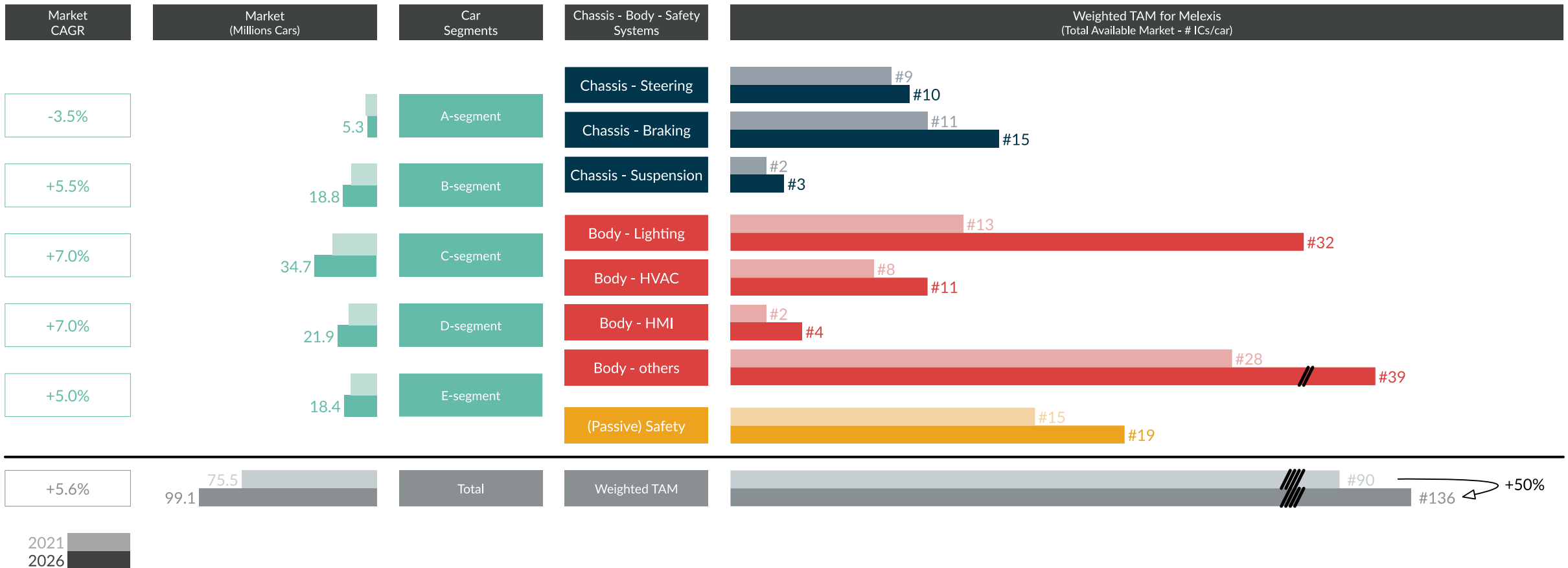


Source visuals: BMW

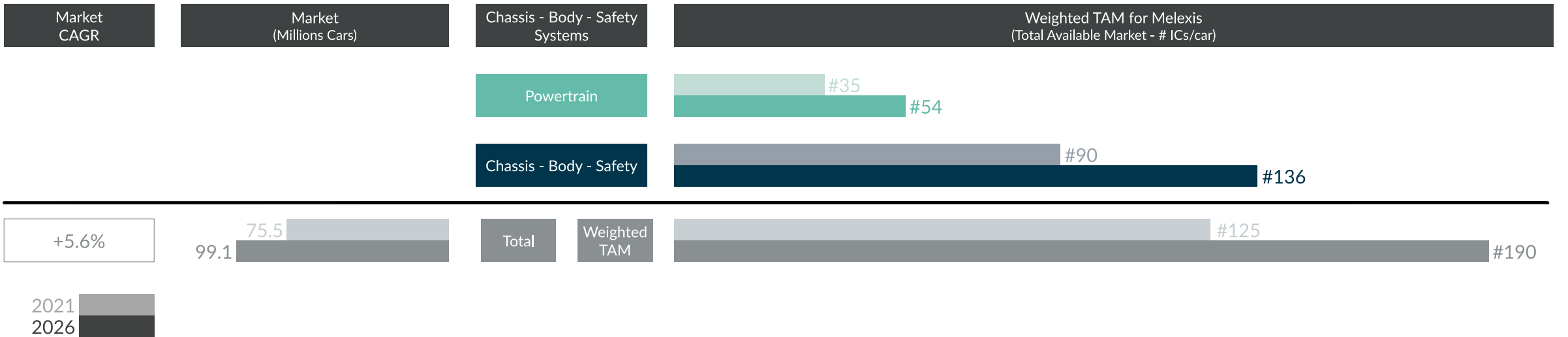
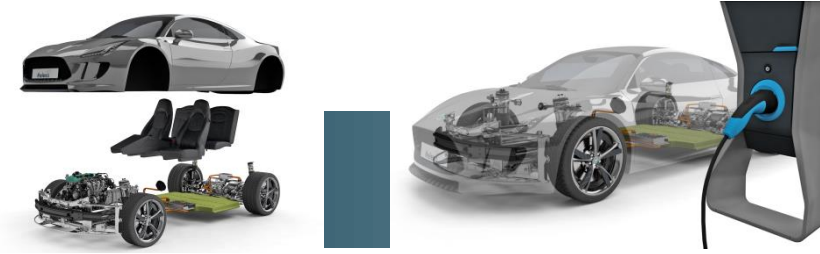
<https://www.autozeitung.de/klimaanlage-auto-wartung-funktion-187651.html>
<http://fertyimg.pw/Cremallera-de-direccin-hidraulica-Nissan-Tecnologia-t.html>



Chassis – Body – Safety Systems

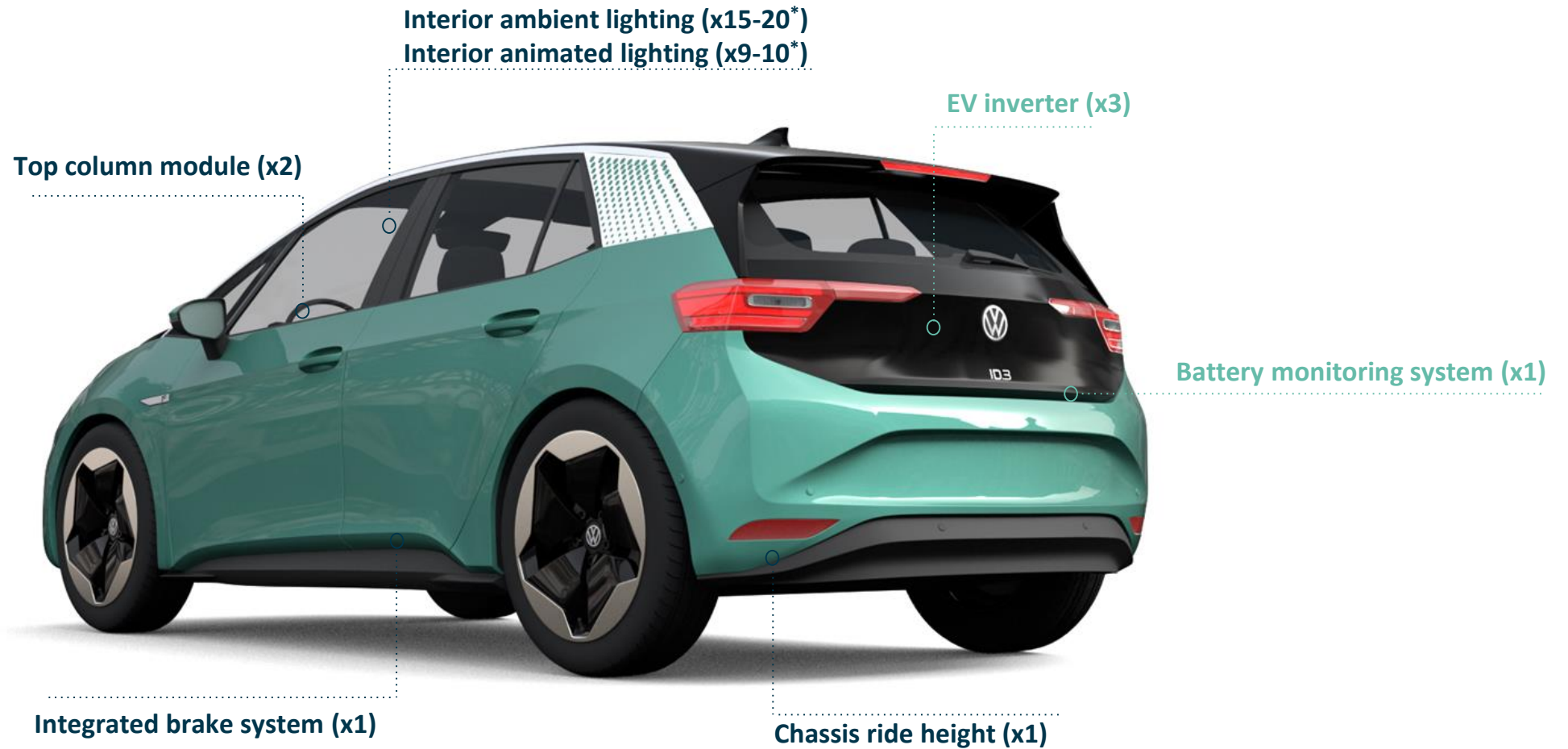


Melexis in automotive



Volkswagen ID.3/MEB

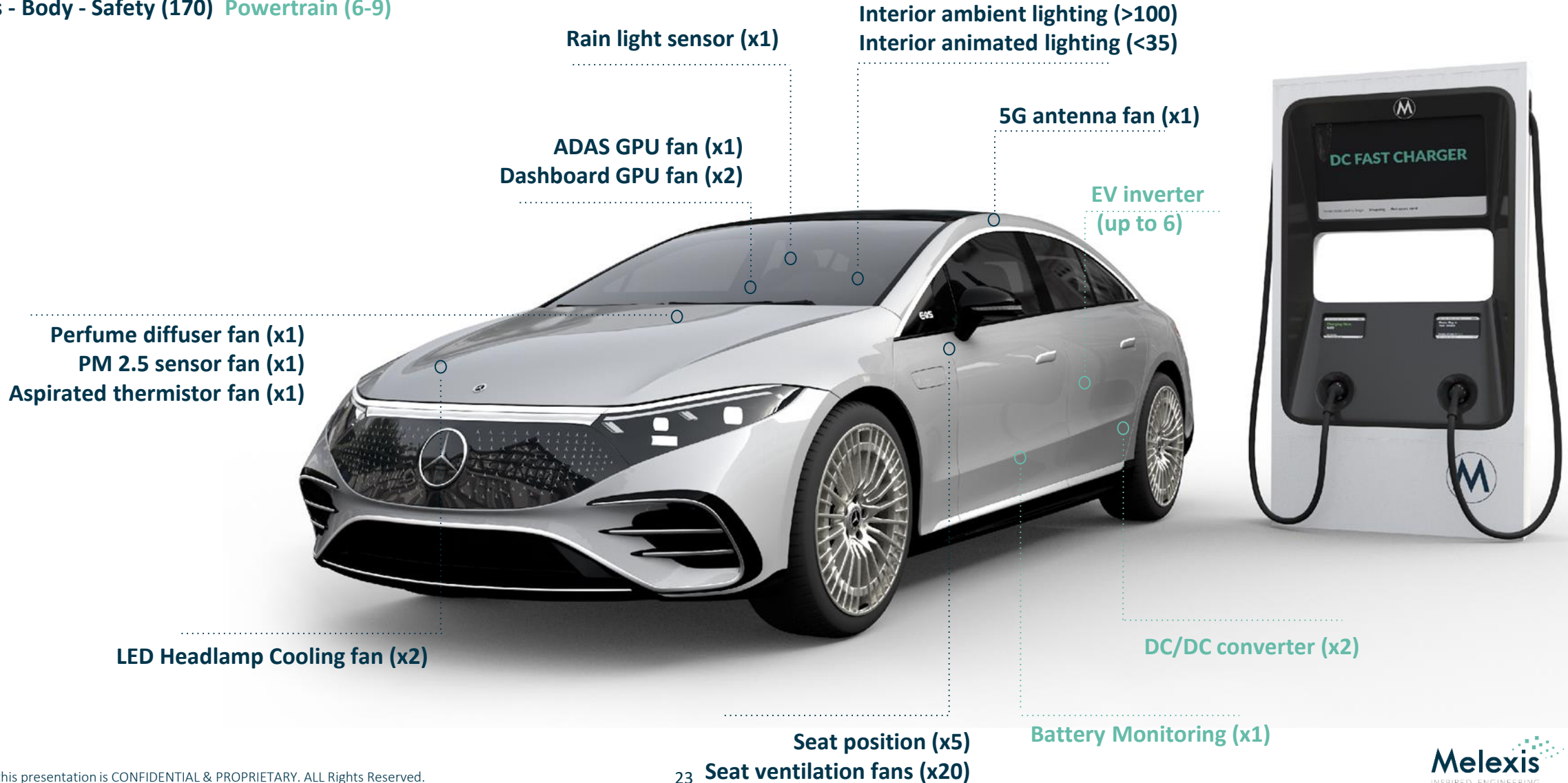
Chassis - Body - Safety (>28) Powertrain (4)



* estimation

Mercedes EQS / S-Class

Chassis - Body - Safety (170) Powertrain (6-9)



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



Carbon-neutral

smart appliances, smart buildings, non-fossil energy, smart metering,...



Alternative Mobility

2–3 wheelers, e-mobility, micro-delivery, robotaxis, AGVs...

Well-being

health, medical, wearable, gaming...



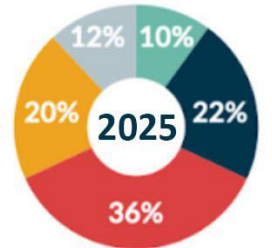
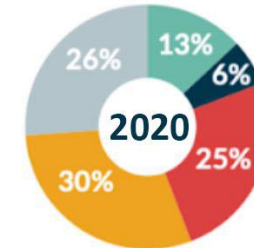
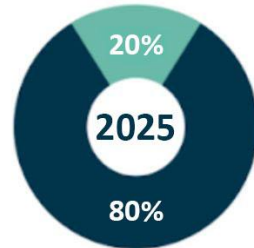
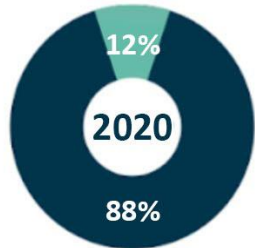
Robotics

automation, assisting, social interaction...



Computing & Networking

cooling, power management...

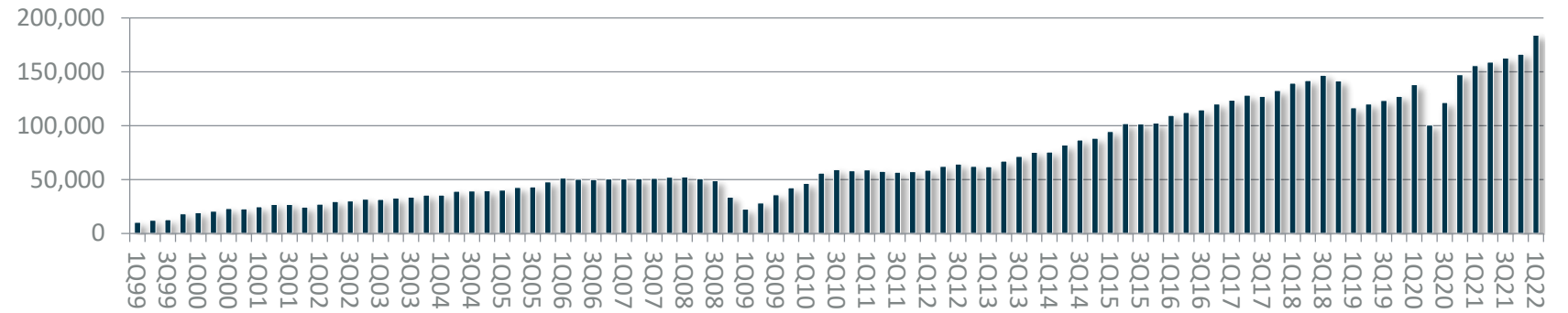


Evolution financials 1999-2022

Turnover

Q1 2022: 184.1 mln EUR

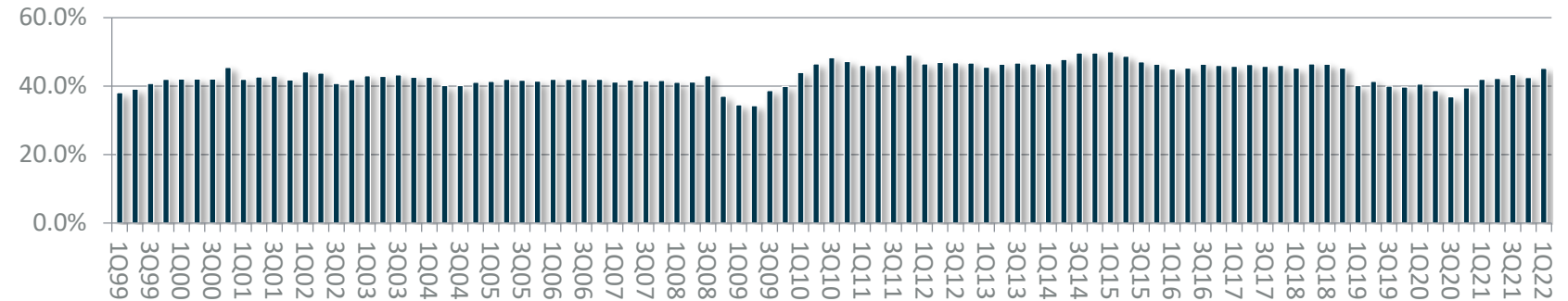
FY 2021: 643.8 mln EUR



Gross profit margin

Q1 2022: 45.2%

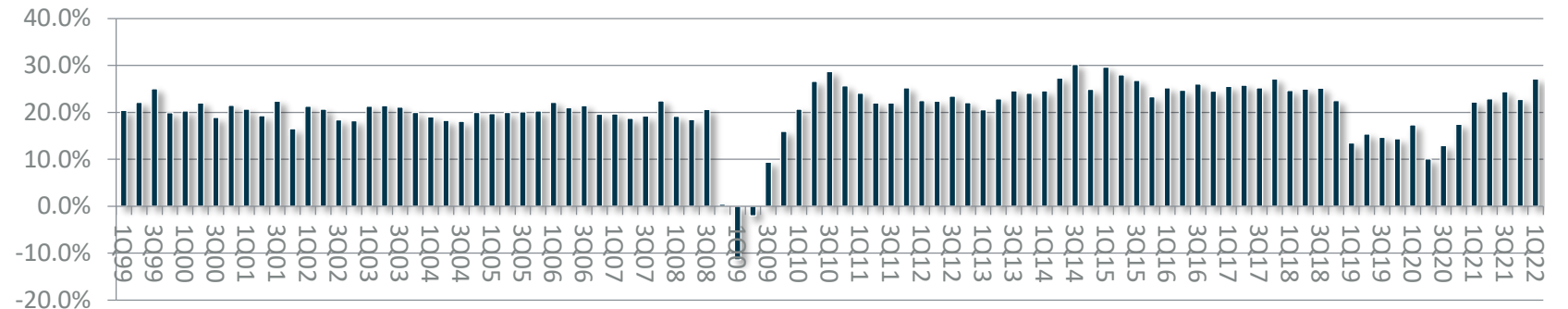
FY 2021: 42.5%



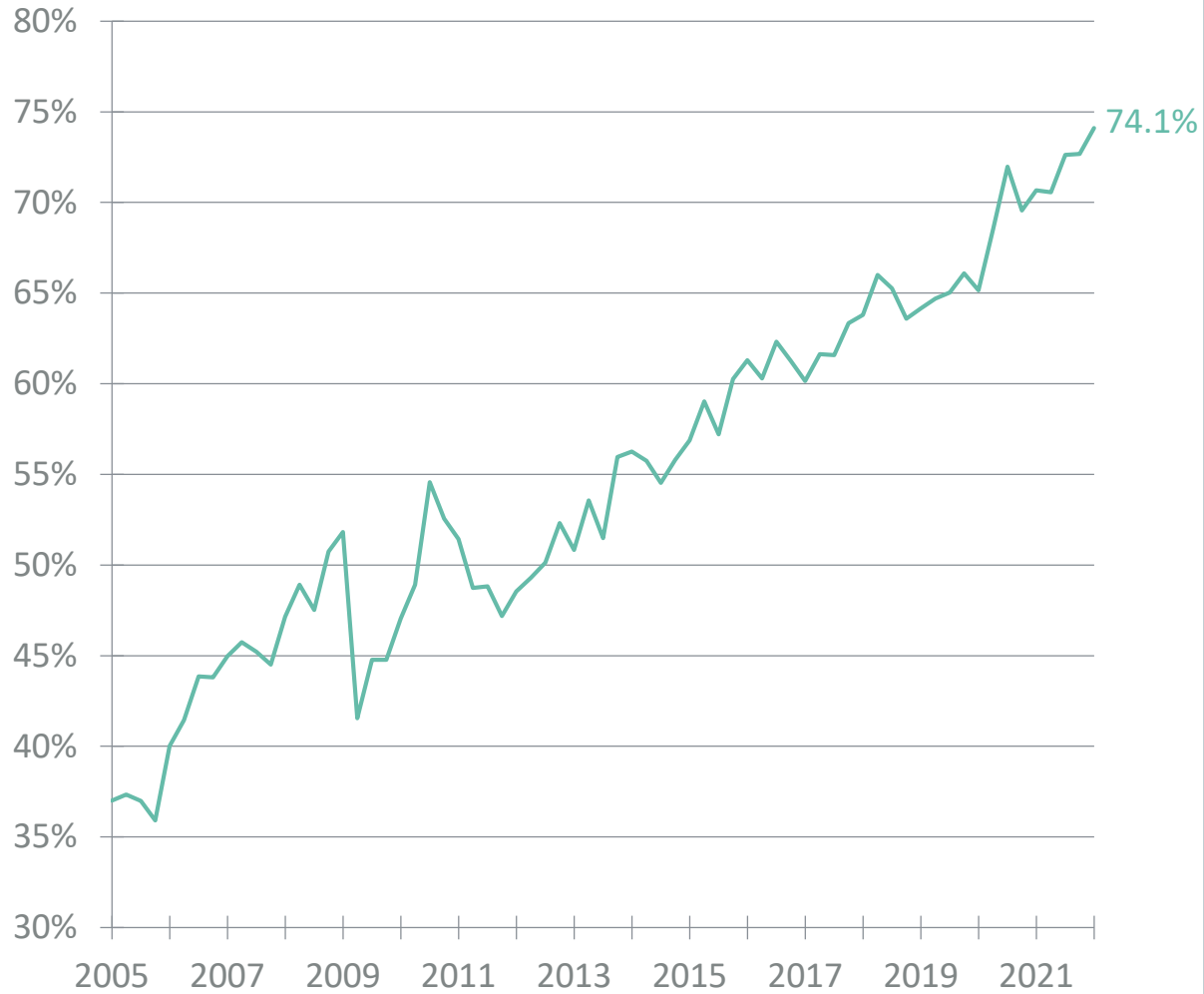
Operating margin

Q1 2022: 27.1%

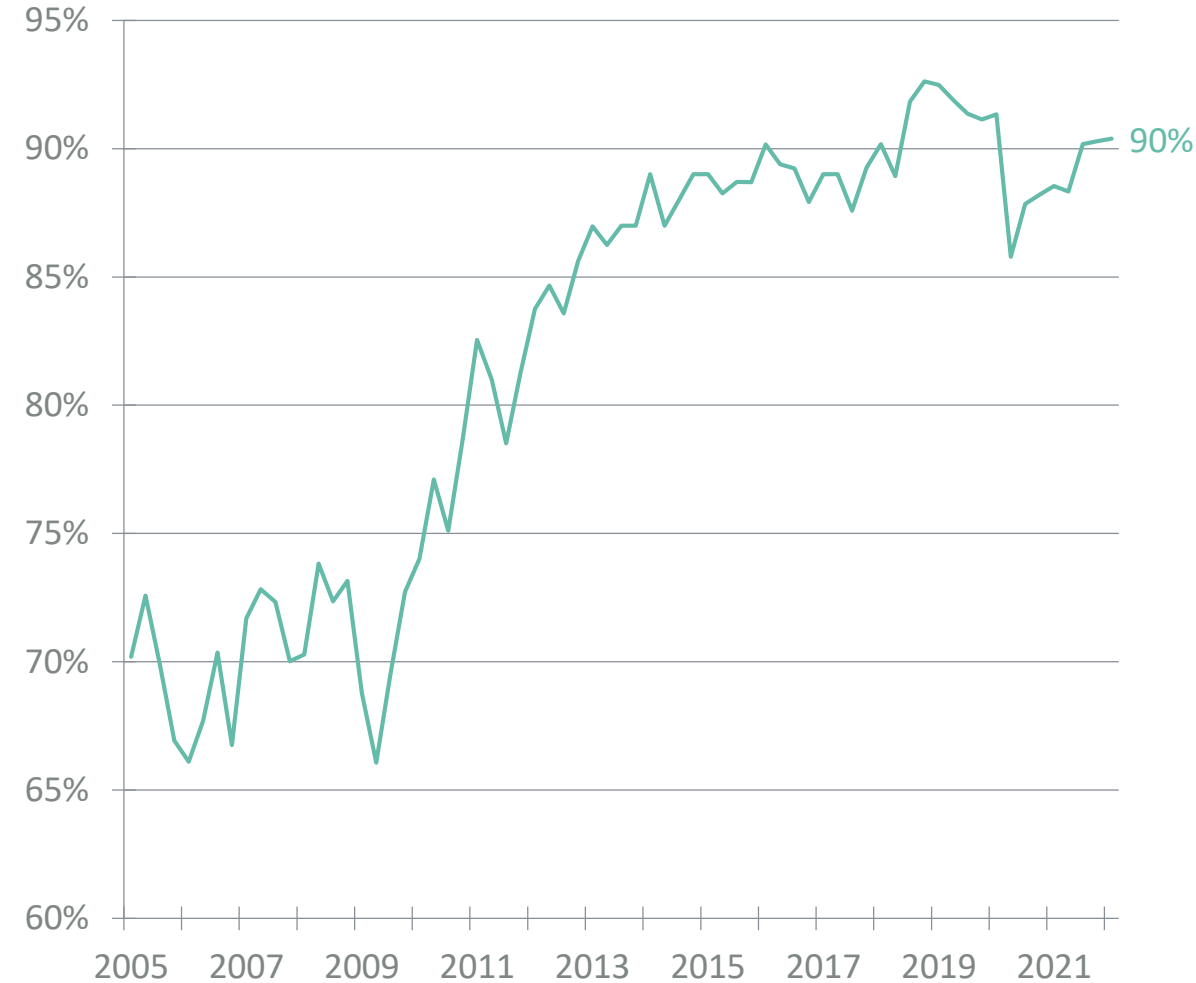
FY 2021: 23.1%



% ASSP sales



% automotive sales



Q1 2022 results at a glance

Sales

184.1m EUR

+18% Y-o-Y

Gross margin

45.2%

83.1m EUR

+27% Y-o-Y

Operating result

27.1%

49.9m EUR

+44% Y-o-Y

Net result

1.20 EPS

48.6m EUR

+75% Y-o-Y

Oper. cash flow

(before wcap change)

74.0m EUR

+58% Y-o-Y

Net cash

57.8m EUR

Outlook

Melexis expects sales in the second quarter of 2022 to be around 200 million EUR.

For the full year 2022, Melexis expects a sales growth between 18% and 23%, with a gross profit margin of around 45% and an operating margin of around 25% at the midpoint of the sales guidance, all taking into account a EUR/USD exchange rate of 1.09.

Profit & loss

Q1 2022 versus Q1 2021 versus Q4 2021

P&L account (in million EUR)	Q1 2022	% of Sales	Q1 2021	% of Sales	Q4 2021	% of Sales
Sales	184.1	100.0%	155.6	100.0%	166.2	100.0%
Cost of goods sold	-100.9	-54.8%	-90.3	-58.0%	-95.6	-57.5%
Gross margin	83.1	45.2%	65.3	42.0%	70.6	42.5%
R&D	-20.4	-11.1%	-19.7	-12.7%	-20.0	-12.0%
G&A	-9.2	-5.0%	-7.6	-4.9%	-8.8	-5.3%
Selling	-3.7	-2.0%	-3.4	-2.2%	-4.0	-2.4%
EBIT	49.9	27.1%	34.5	22.2%	37.8	22.8%
Net financial result	9.7	5.3%	-2.1	-1.4%	1.9	1.2%
Income taxes	-10.9	-5.9%	-4.6	-3.0%	-6.5	-3.9%
Net profit	48.6	26.4%	27.8	17.8%	33.3	20.0%
Earnings per share	1.20		0.69		0.82	

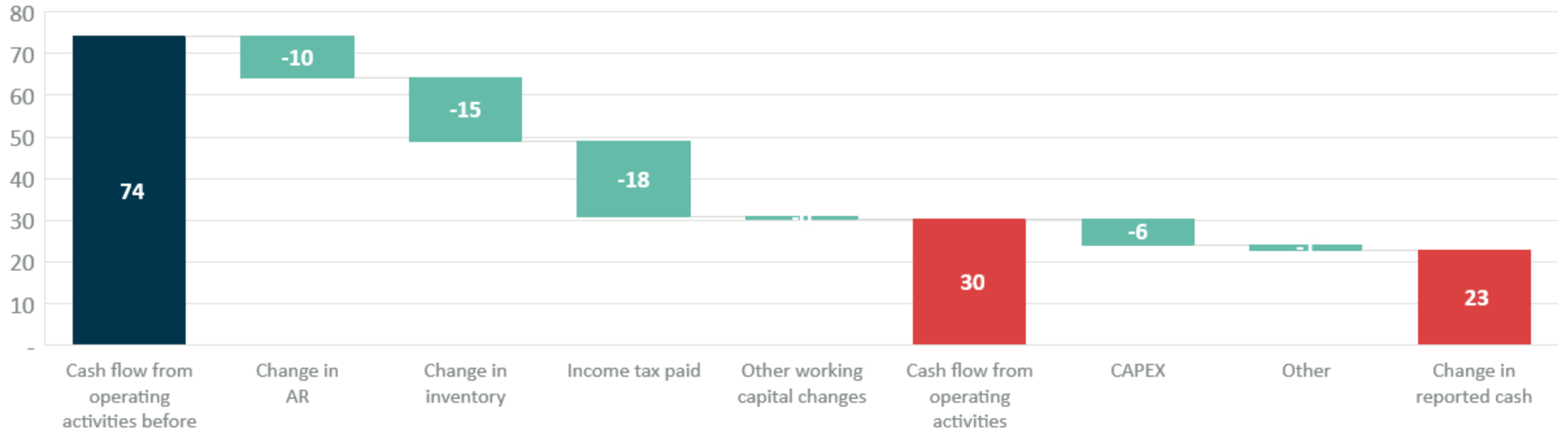
Balance sheet

Q1 2022 versus Q1 2021 versus Q4 2021

Balance Sheet (in million EUR)	Q1 2022	Q1 2021	Q4 2021
Total assets	527.3	464.6	461.2
Current assets			
Cash	57.8	76.9	35.0
Inventory	158.3	123.8	144.5
A/R Trade	94.2	74.7	80.2
Non-current assets	162.5	171.3	169.3
Shareholders' equity	437.9	373.9	389.1
Interest bearing debt	0.0	30.0	0.0
Long term	0.0	30.0	0.0
Short term	0.0	0.0	0.0

Q1 2022 cash flow

Mln. EUR

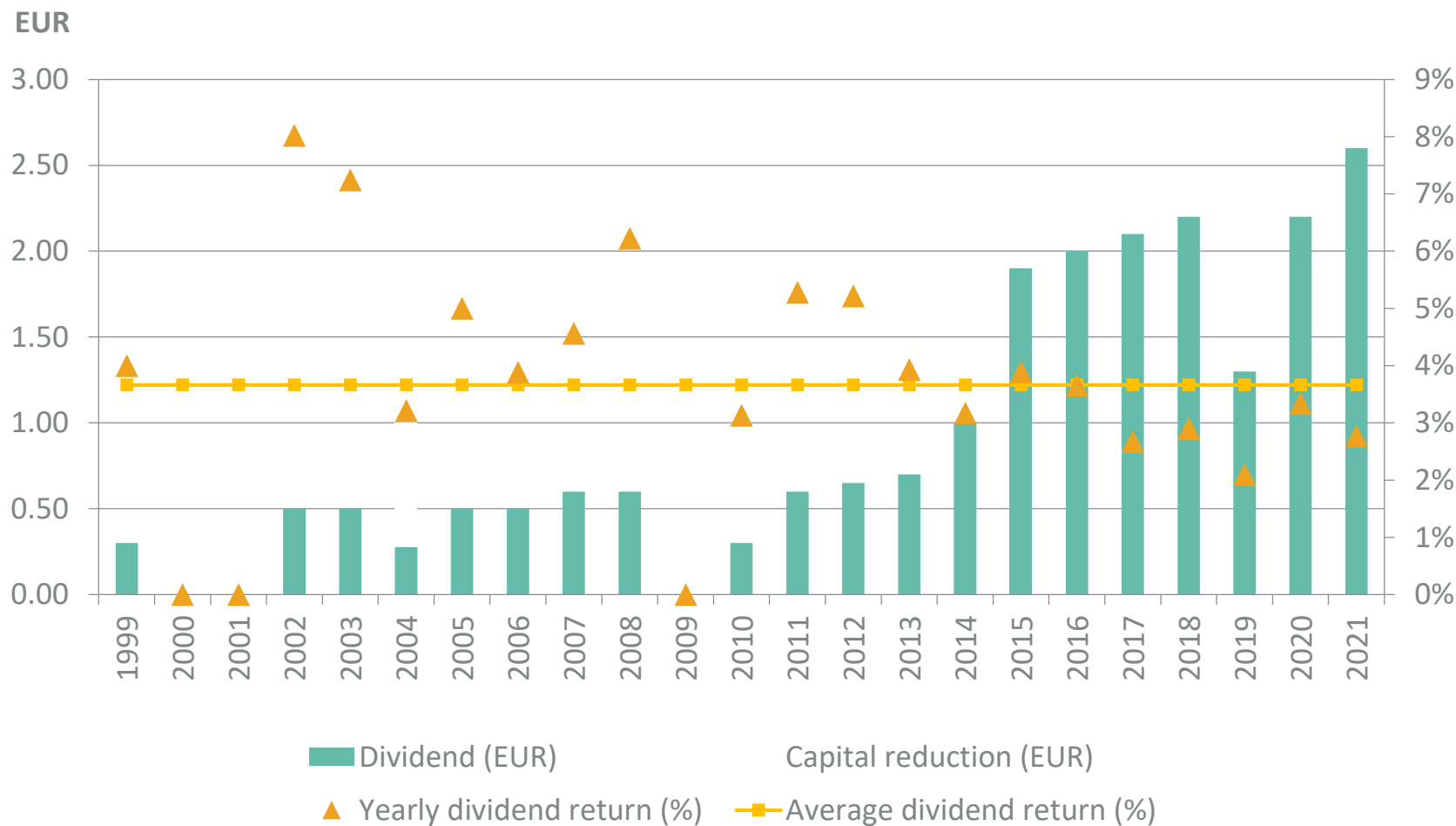


Free cash flow of 24m EUR
in 1Q22
(22m EUR in 1Q21)

18m EUR income tax paid in
1Q22

Dividend yield

Based on average share price

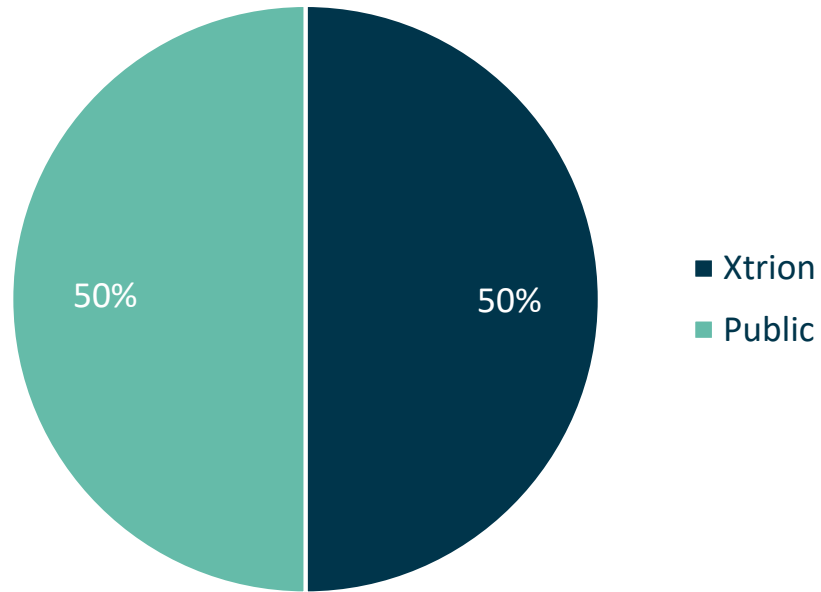


Gross dividend per share (EUR)	
2005	0.50
2006	0.50
2007	0.60
2008	0.60
2009	0.00
2010	0.30
2011	0.60
2012	0.65
2013	0.70
2014	1.00
2015	1.90
2016	2.00
2017	2.10
2018	2.20
2019	1.30
2020	2.20
(**) 2021	2.60

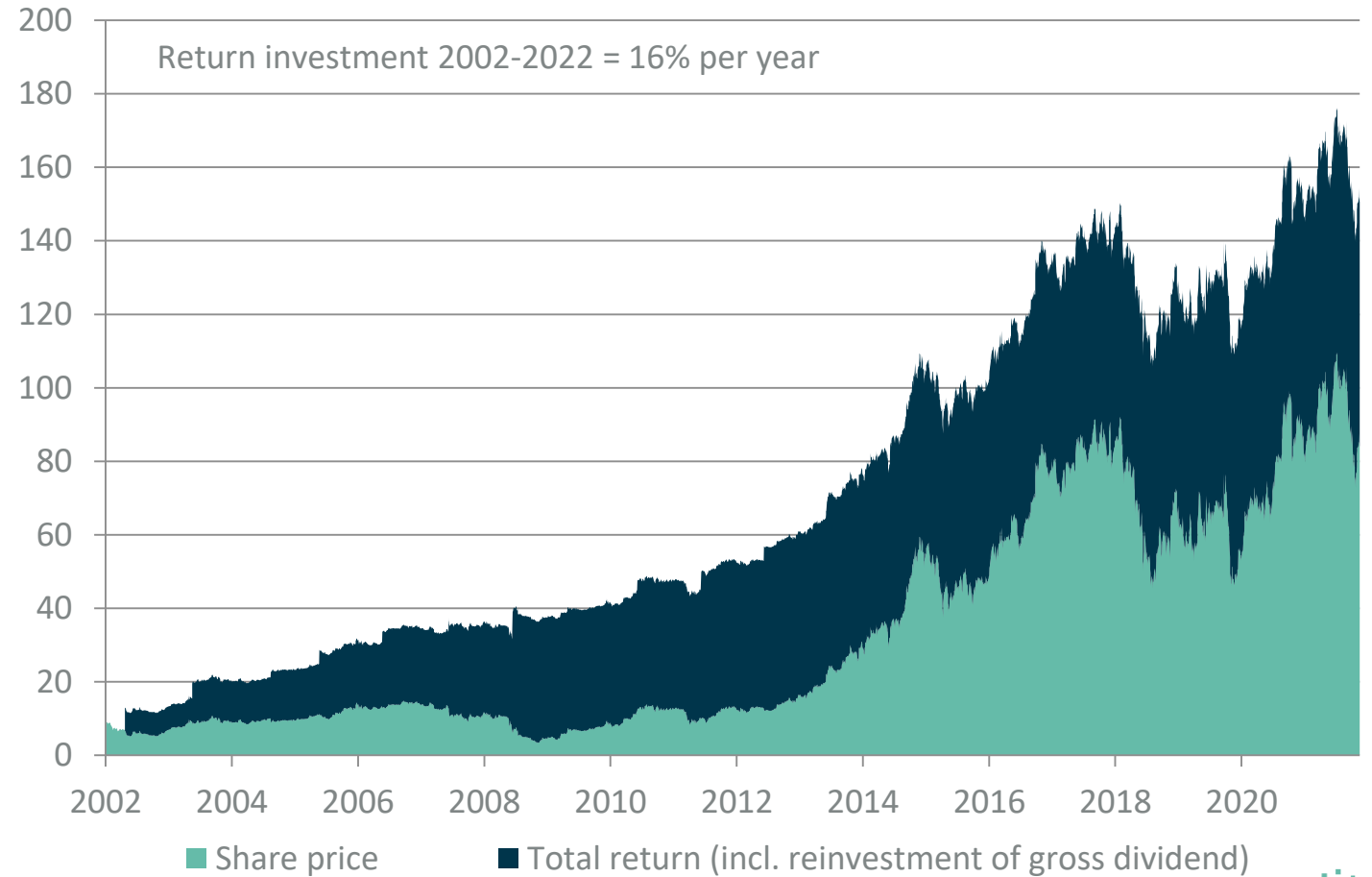
(**) 1.30 final dividend payable as from May 13, 2022

Shareholders structure & shareholder return

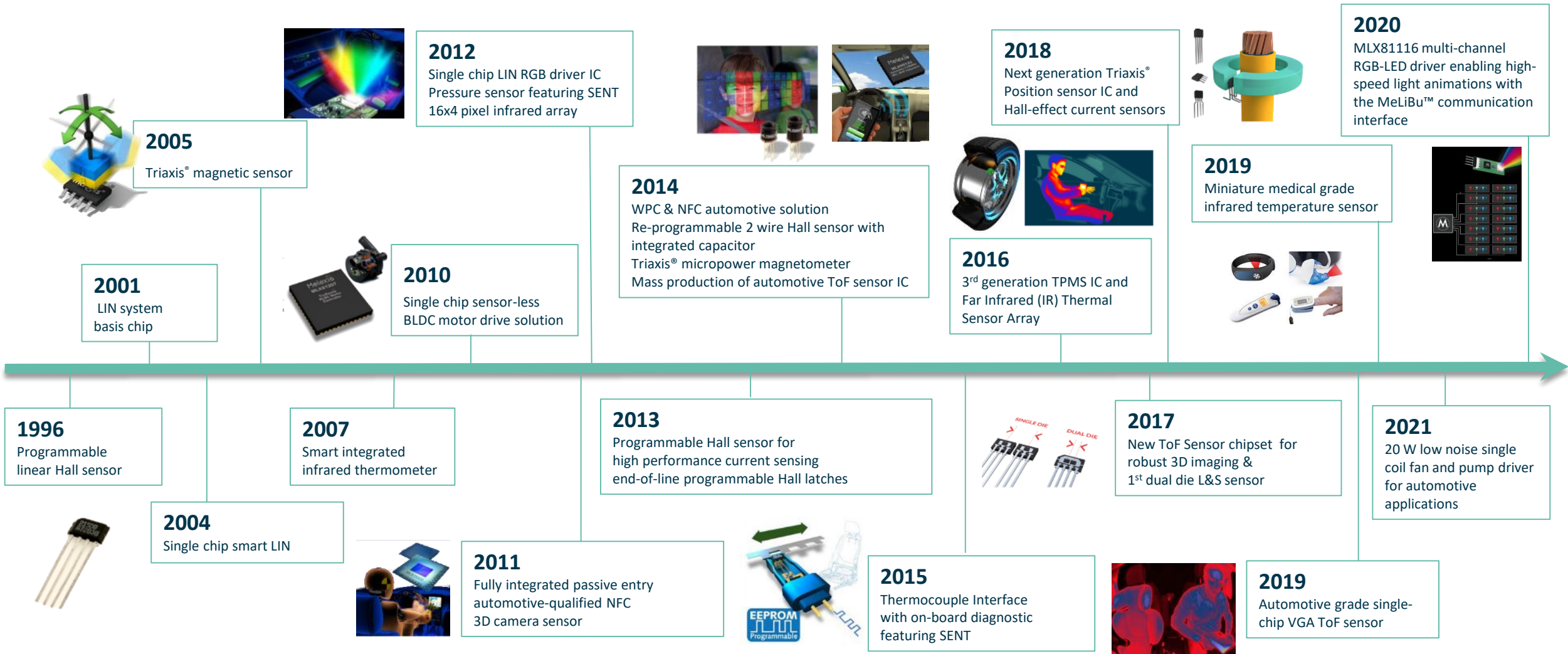
Shareholder structure on 31 March 2022



Shareholder Return 2002-2022



Industry firsts from Melexis



Melexis Investor Relations

Karen van Griensven

CFO

Valerie Kerfs

IR Professional

investor@melexis.com

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