

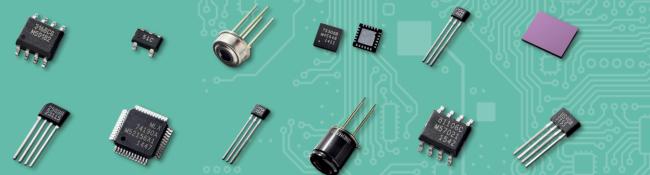
Presentation results Q2 2021



What do we do?

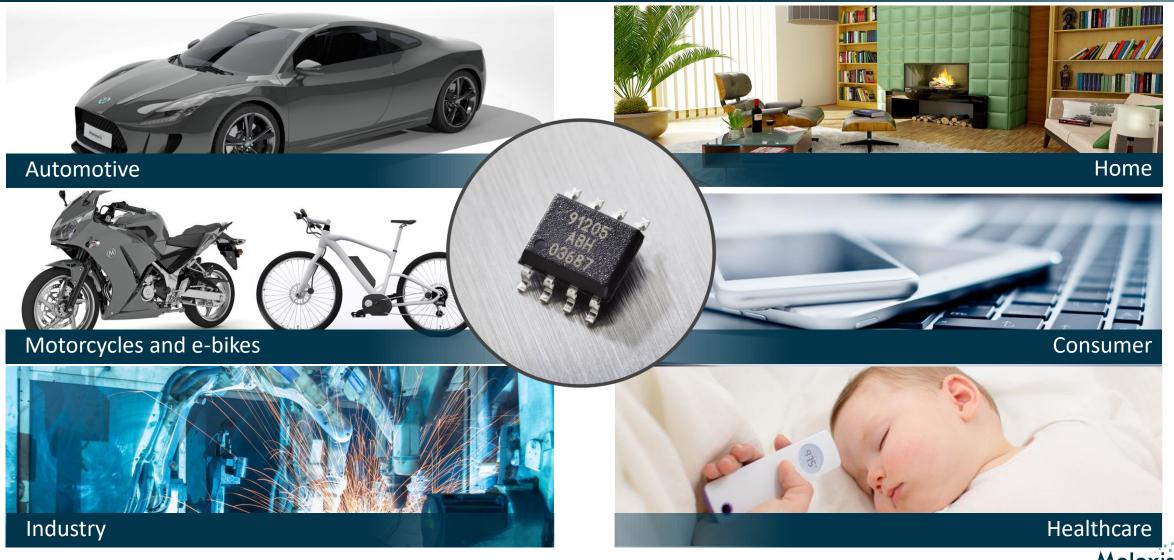


We create innovative micro-electronic solutions for the best imaginable future

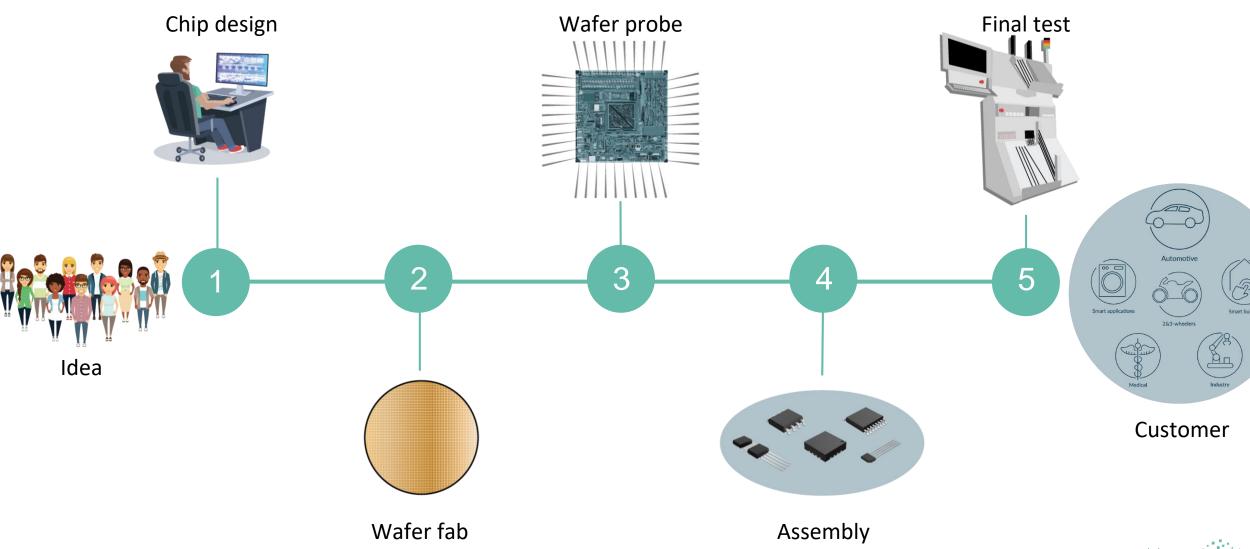




Common denominator: sensing & driving is everywhere



Process flow



Melexis strategy









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



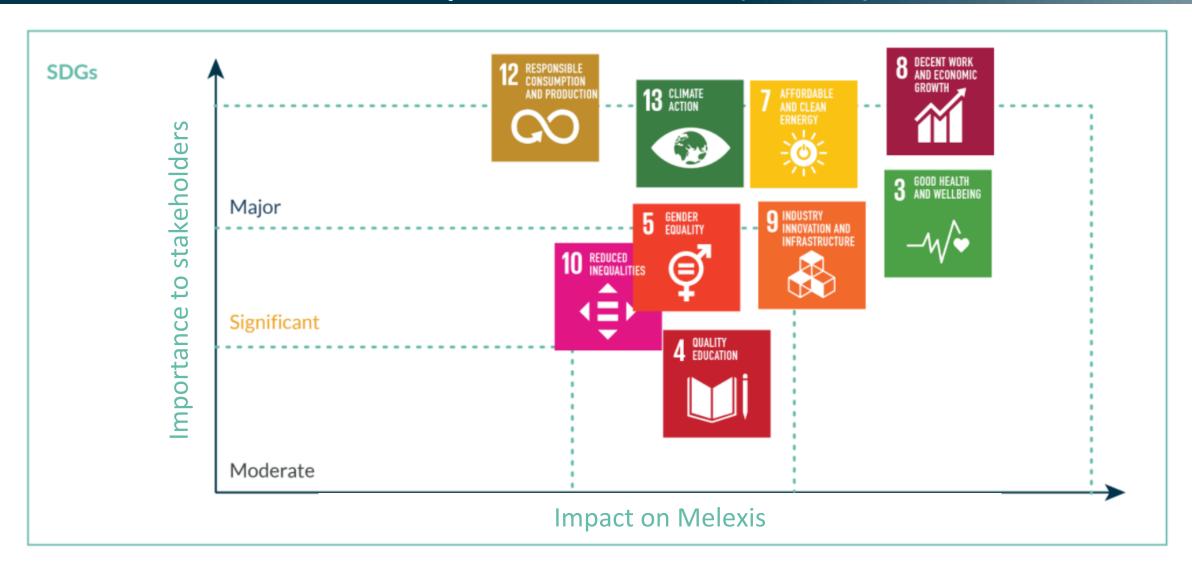


SUSTAINABILITY AT HEART

Our environmental policy is based on five principles



Sustainable Development Goals (SDGs)



Melexis supplied > 1.3 billion ICs worldwide in 2020







Pressure sensors

Inductive position sensors •

Tire monitoring sensors

Current sensors •

Temperature sensors

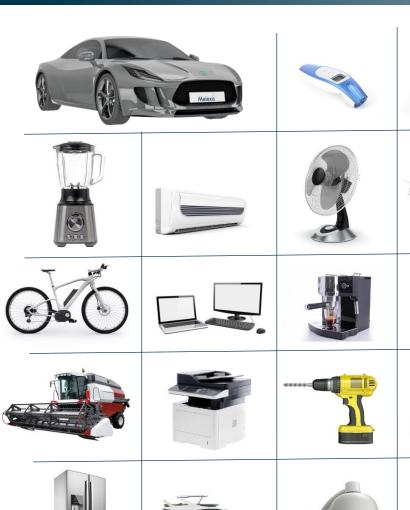
Latch & switch •

Optical sensors

Embedded drivers • Sensor interfaces

Smart drivers •

Embedded lighting





MELEXIS ICs SHAPE THE FUTURE



MELEXIS ICs SHAPE THE FUTURE



PEOPLE



USER EXPERIENCE



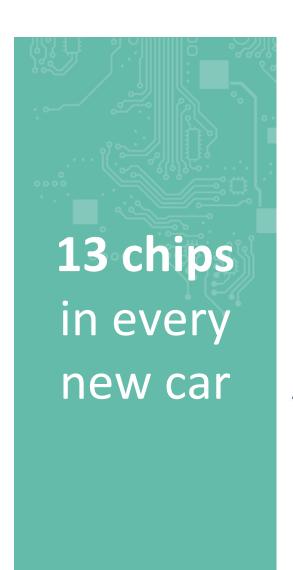
SAFETY

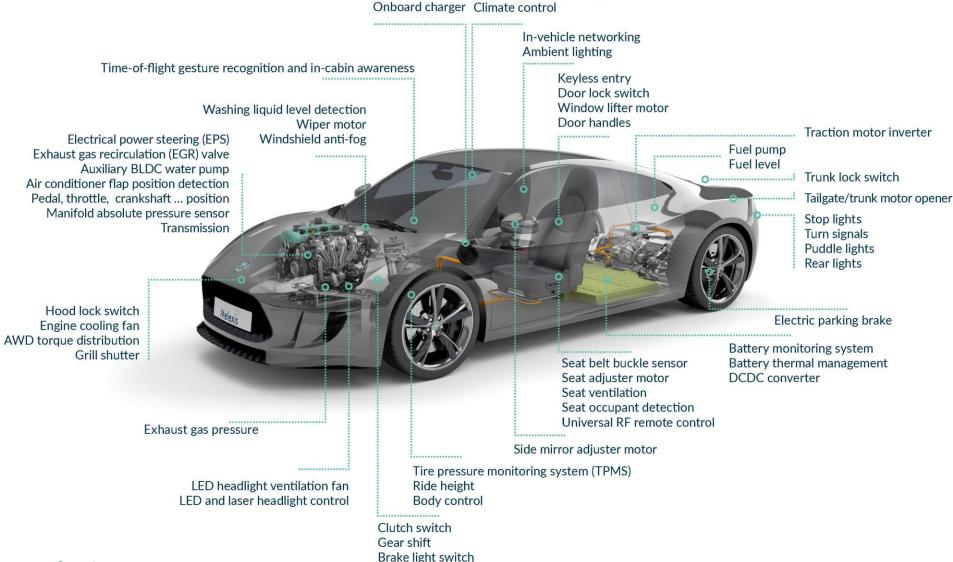


HEALTH









Brake fluid level detection Accelerator/brake/clutch position

Rain-light sensor Sunroof motor

LIN seat heating and ventilation

Applications containing Melexis ICs

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



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

Maximize ICE Greenification

Low-emission Vehicles feat. an Internal Combustion Engine

LightingInterior & Exterior

POWERTRAIN



CHASSIS - BODY - SAFETY

Master Networked

Strengthen Electrification

Hybrid & Electric Vehicles

Serve Automotive Innovation

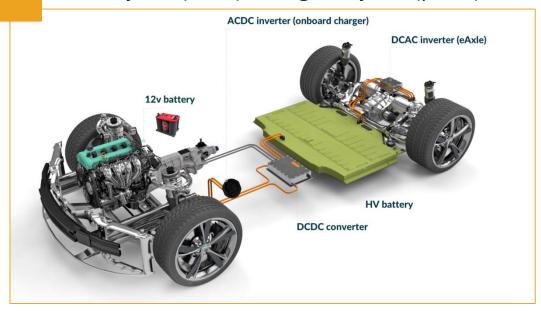
Mechatronic, Intelligent Vehicles



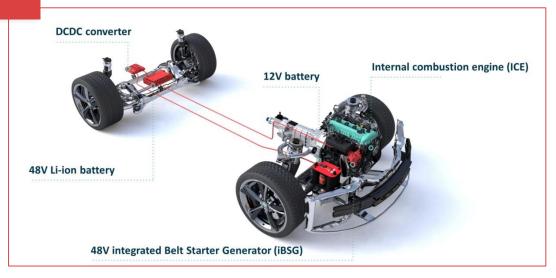
Internal Combustion Engine (ICE + uHEV)



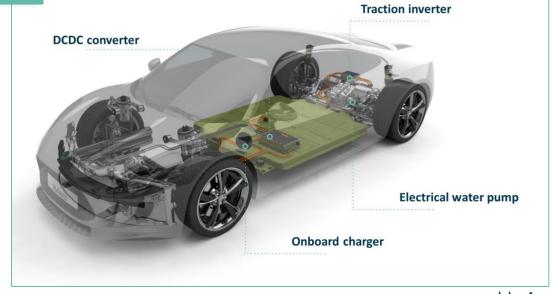
Full Hybrid (fHEV) - Plug-In Hybrid (pHEV)



48 Volt Mild Hybrid (mHEV)



Electrical Vehicle (BEV – FCEV)

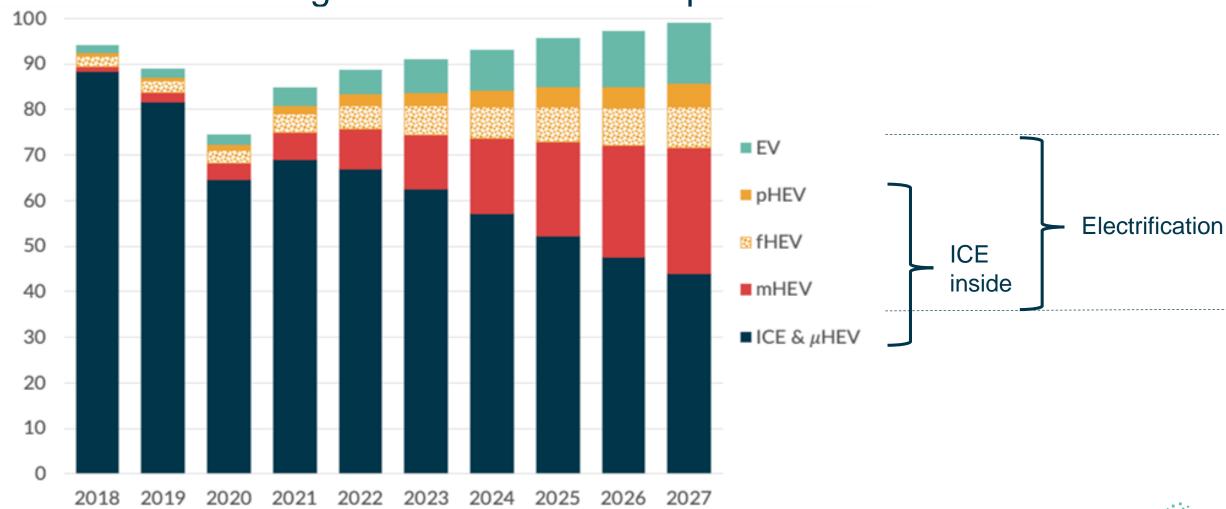




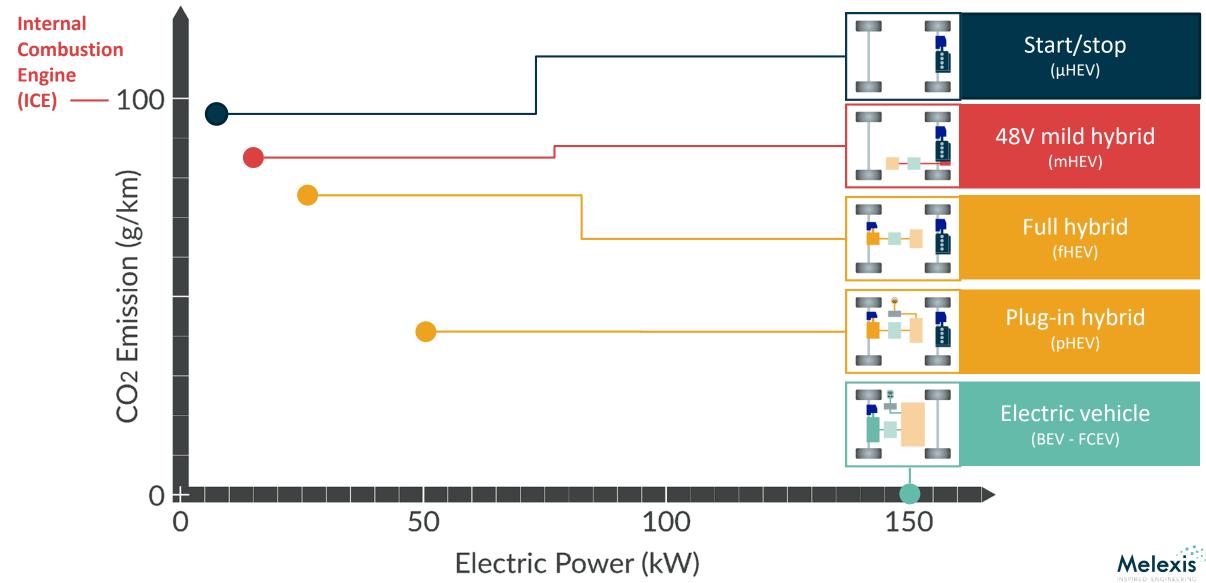
Global vehicle production (million units)



Electrification – Segmentation – Market Split

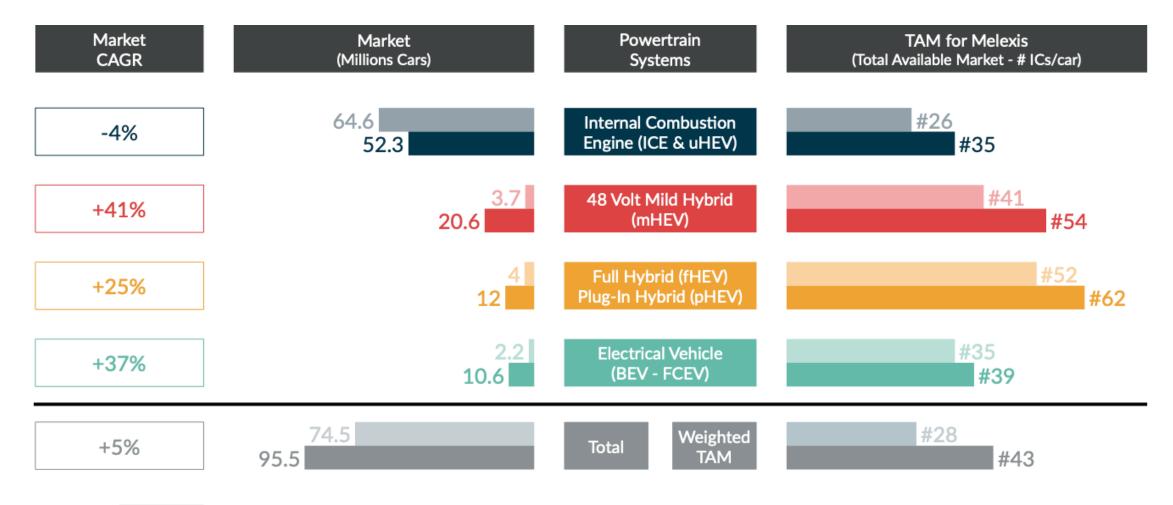


Automotive - From 10 to 20 (ICs/car)



Powertrain Systems







2020 2025

Chassis

Braking – Steering – Suspension



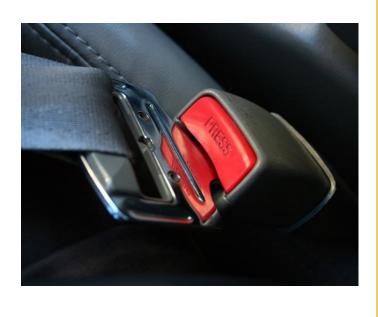
Body

Lighting – HVAC - Others



Safety

(Passive)

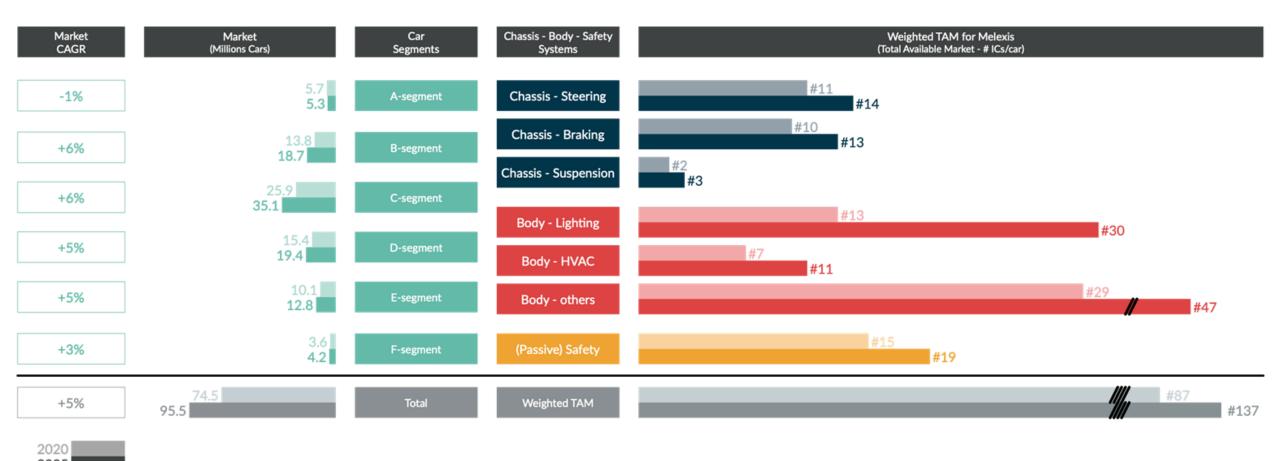


Source visuals: BMW

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



Chassis – Body – Safety Systems

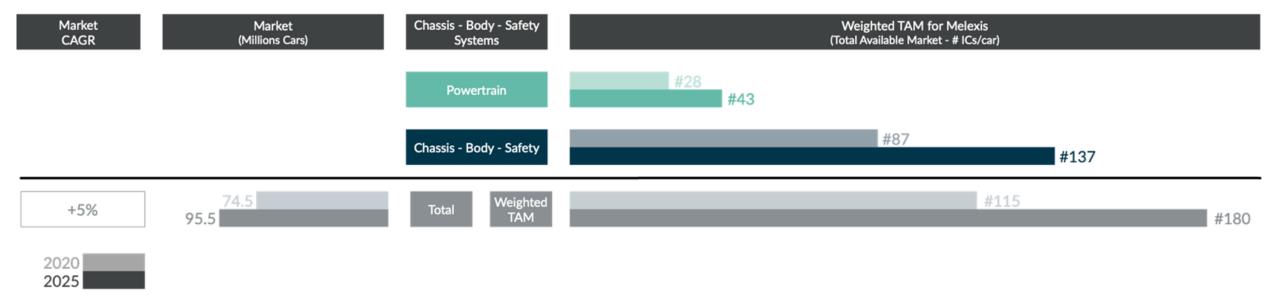




Melexis in automotive









Tesla Model Y / Models X, S and 3

Chassis - Body - Safety (46) Powertrain (12-14) Seat position (x2) Interior ambient lighting (x20) Seat belt buckle (x5) Dashboard GPU fan (x1) EV inverter (x2-4) ADAS/ICAS GPU fan (x1) **HVAC blower (x1) HVAC** pressure (x3) Water valve (x4) Water pump (x4) **Intelligent TPMS (x4)** DC/DC converter (x2) **Chassis height** Steering column control (x1) sensor (x4) Door handle wake up switch (x4)

Volkswagen ID.3/MEB

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

Interior ambient lighting (x15-20*) Interior animated lighting (x9-10*) EV inverter (x3) Top column module (x2) **Battery monitoring system (x1) Integrated brake system (x1)** Chassis ride height (x1)





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, microdelivery, robotaxis, AGVs...







Robotics

automation, assisting, social interaction...



Computing & Networking

gaming...

cooling, power management...

















Evolution financials 2000-2021

Turnover

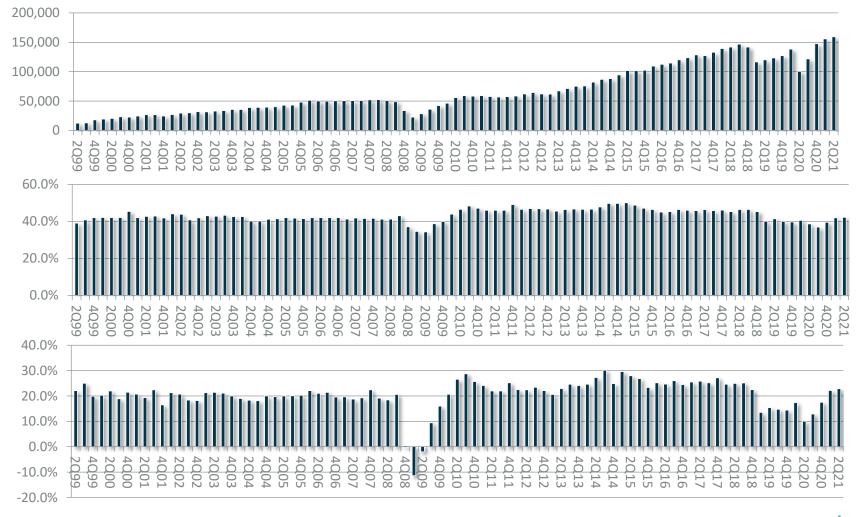
Q2 2021: 159.1 mln EUR HY 2021: 314.7 mln EUR

Gross profit margin

Q2 2021: 42.2% HY 2021: 42.1%

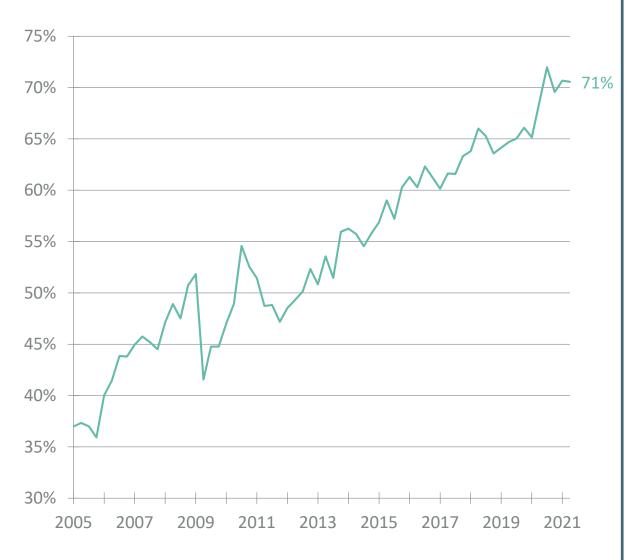
Operating margin

Q2 2021: 22.9% HY 2021: 22.5%





% ASSP sales



% automotive sales



Q2 2021 results at a glance

Sales 159.1m EUR

+58% Y-o-Y

Net result
0.83 EPS
33.5m EUR
+246% Y-o-Y

Gross margin

42.2%

67.1m EUR

+73% Y-o-Y

Operating result

22.9%

36.4m EUR

+260% Y-o-Y

Oper. cash flow

(before wcap change)
53.7m EUR
+176% Y-o-Y

Net cash 32.1m EUR

Outlook

Melexis expects sales in the third quarter of 2021 in the range of 158-163 million euro. For the full year 2021, Melexis expects a sales growth between 24% and 27%, a gross profit margin of around 42% and an operating margin of around 22% at the midpoint of the sales guidance, all taking into account a EUR/USD exchange rate of 1.18 for the remainder of the year.

Profit & loss

Q2 2021 versus Q2 2020 versus Q1 2021

P&L account (in million EUR)	Q2 2021	% of Sales	Q2 2020	% of Sales	Q1 2021	% of Sales
Sales	159.1	100.0%	100.4	100.0%	155.6	100.0%
Cost of goods sold	-92.0	-57.8%	-61.6	-61.3%	-90.3	-58.0%
Gross margin	67.1	42.2%	38.8	38.7%	65.3	42.0%
R&D	-19.1	-12.0%	-18.2	-18.1%	-19.7	-12.7%
G&A	-7.9	-4.9%	-7.2	-7.1%	-7.6	-4.9%
Selling	-3.7	-2.3%	-3.3	-3.3%	-3.4	-2.2%
EBIT	36.4	22.9%	10.1	10.1%	34.5	22.2%
Net financial result	3.0	1.9%	0.0	0.0%	-2.1	-1.4%
Income taxes	-5.9	-3.7%	-0.4	-0.4%	-4.6	-3.0%
Net profit	33.5	21.1%	9.7	9.6%	27.8	17.8%
Earnings per share	0.83		0.24		0.69	



HY 2021 results at a glance

Sales
314.7m EUR

+32% Y-o-Y

Net result
1.52 EPS
61.3m EUR
+102% Y-o-Y

Gross margin

42.1%

132.4m EUR

+40% Y-o-Y

Operating result

22.5%

70.9m EUR

+108% Y-o-Y

Oper. cash flow

(before wcap change) 100.2m EUR +82% Y-o-Y Net cash 32.1m EUR

Outlook

Melexis expects sales in the third quarter of 2021 in the range of 158-163 million euro. For the full year 2021, Melexis expects a sales growth between 24% and 27%, a gross profit margin of around 42% and an operating margin of around 22% at the midpoint of the sales guidance, all taking into account a EUR/USD exchange rate of 1.18 for the remainder of the year.

Profit & loss

HY 2021 versus HY 2020

P&L account (in million EUR)	HY 2021	% of Sales	HY 2020	% of Sales
Sales	314.7	100.0%	238.5	100.0%
Cost of goods sold	-182.4	-57.9%	-143.7	-60.2%
Gross margin	132.4	42.1%	94.8	39.8%
R&D	-38.8	-12.3%	-38.7	-16.2%
G&A	-15.5	-4.9%	-15.0	-6.3%
Selling	-7.1	-2.3%	-7.1	-3.0%
Other operating result		0.0%		0.0%
EBIT	70.9	22.5%	34.1	14.3%
Net financial result	0.9	0.3%	-0.5	-0.2%
Income taxes	-10.6	-3.4%	-3.2	-1.3%
Net profit	61.3	19.5%	30.4	12.7%
Earnings per share	1.52		0.75	



Balance sheet

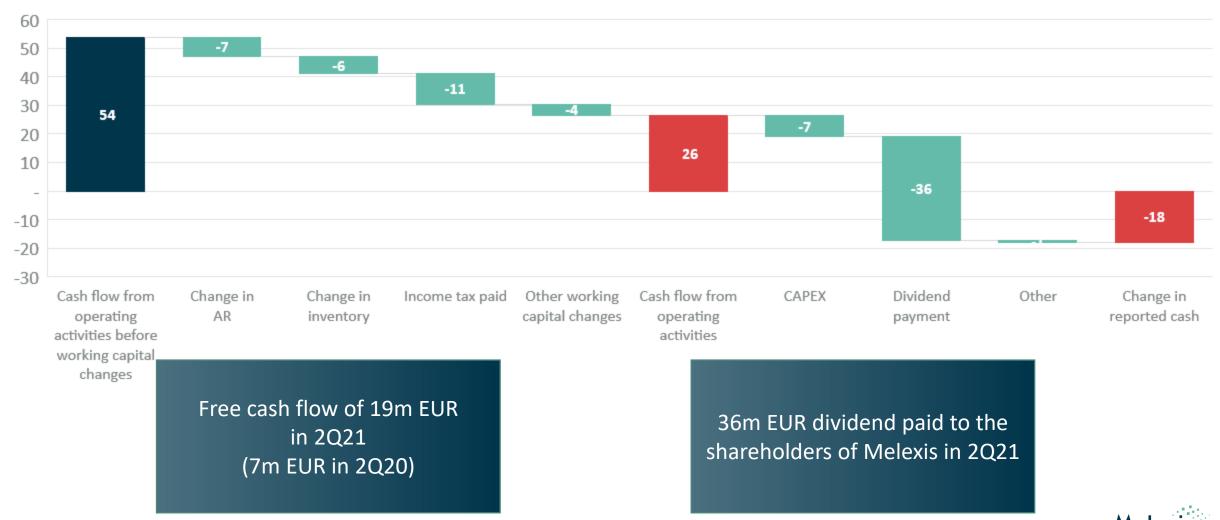
Q2 2021 versus Q2 2020 versus Q1 2021

Balance Sheet (in million EUR)	Q2 2021	Q2 2020	Q1 2021
Total assets	465.3	442.9	464.6
Current assets			
Cash	59.0	57.6	76.9
Inventory	128.5	148.4	123.8
A/R Trade	80.7	49.0	74.7
Non-current assets	169.6	172.5	171.3
Shareholders' equity	370.9	329.0	373.9
Interest bearing debt	30.0	62.0	30.0
Long term	30.0	62.0	30.0
Short term	0.0	0.0	0.0



Q2 2021 cash flow

Mln. EUR



HY 2021 cash flow



Melexis

in HY21

(20m EUR in HY20)

shareholders of Melexis in HY21

Dividend yield

Gross dividend per share (EUR)

Based on average share price

EUR

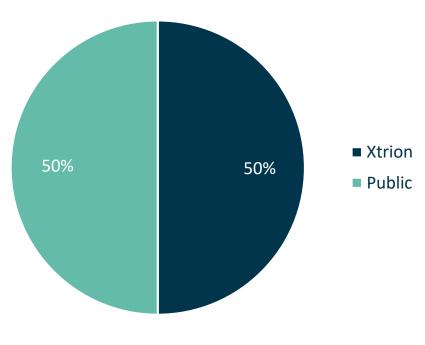


(EUR)				
2005	0.50			
2006	0.50			
2007	0.60			
2008	0.60			
2009	0.00			
2010	0.30			
2011	0.60			
2012	0.65			
2013	0.70			
2014	1.00			
2015	1.90			
2016	2.00			
2017	2.10			
2018	2.20			
2019	1.30			
2020	2.20			
(**) YTD 2021	1.30 interim			
(**) payable October 21, 2021				

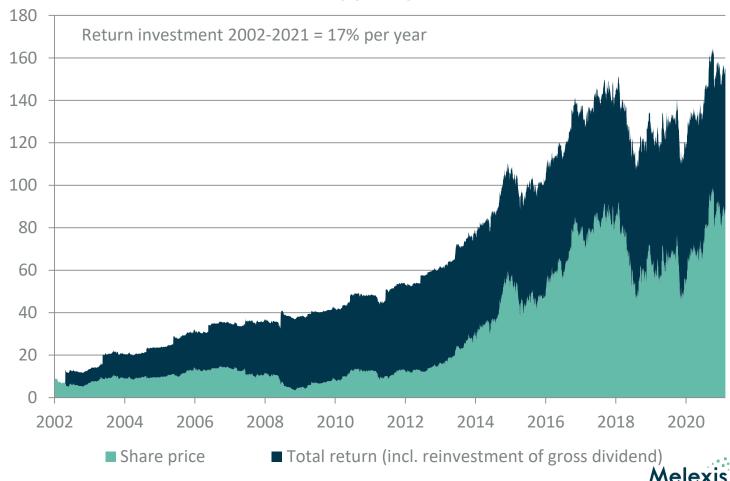


Shareholders structure & shareholder return

Shareholder structure on 30 June 2021



Shareholder Return 2002-2021



Industry firsts from Melexis

2010

Single chip sensor-less

BLDC motor drive solution



2012

Single chip LIN RGB driver IC Pressure sensor featuring SENT 16x4 pixel infrared array



2018

Next generation Triaxis® Position sensor IC and Hall-effect current sensors



2020

MLX81116 multi-channel RGB-LED driver enabling highspeed light animations with the MeLiBu™ communication interface



2001

LIN system

basis chip

2005

Triaxis® magnetic sensor

2014

2013

WPC & NFC automotive solution Re-programmable 2 wire Hall sensor with integrated capacitor Triaxis® micropower magnetometer Mass production of automotive ToF sensor IC



2016

3rd generation TPMS IC and Far Infrared (IR) Thermal Sensor Array



2019

Miniature medical grade infrared temperature sensor



1996

Programmable linear Hall sensor

2007

Smart integrated infrared thermometer



Programmable Hall sensor for high performance current sensing end-of-line programmable Hall latches



2017

New ToF Sensor chipset for robust 3D imaging & 1st dual die L&S sensor

2021

20 W low noise single coil fan and pump driver for automotive applications



2004

Single chip smart LIN



2011

Fully integrated passive entry automotive-qualified NFC 3D camera sensor



2015

Thermocouple Interface with on-board diagnostic featuring SENT



2019

Automotive grade singlechip VGA ToF sensor



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