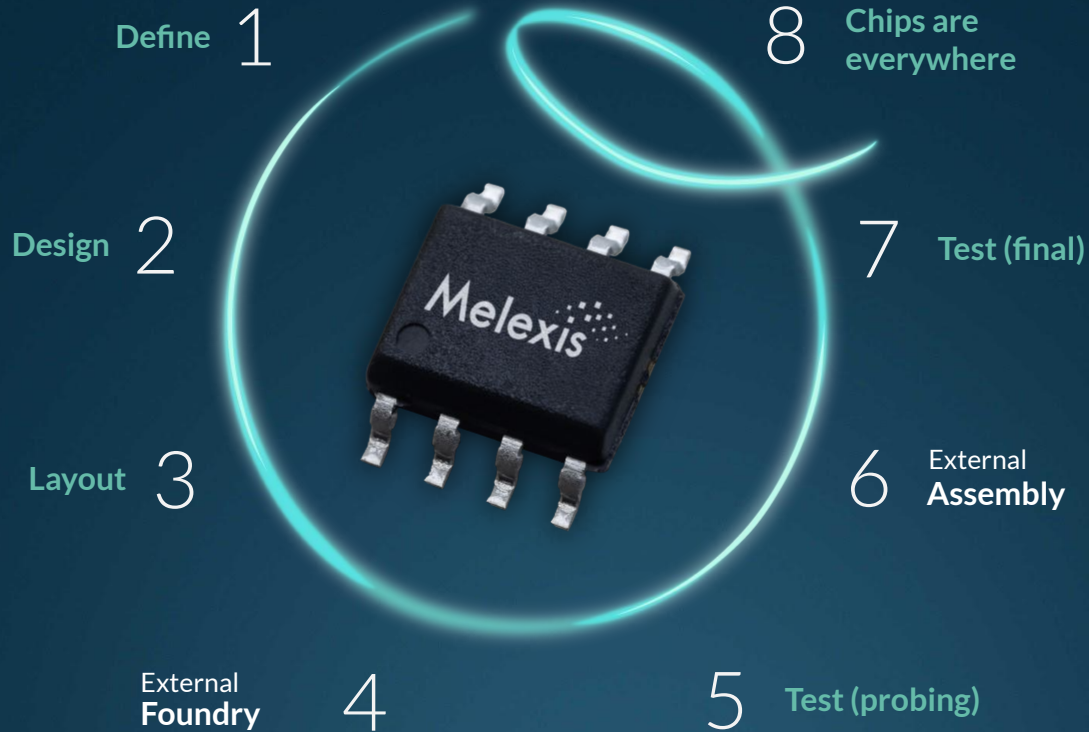


# Q2 2025 Results

# What do we do?

Melexis engineers microelectronic solutions. Our technology makes cars and other products smarter, safer and greener. Our sensors capture data from the analog world and comprehend these data digitally. Our drivers make sure customers can bring their products to life.

# From idea to product





# Markets

AUTOMOTIVE



ROBOTICS



DIGITAL  
HEALTH



ALTERNATIVE  
MOBILITY

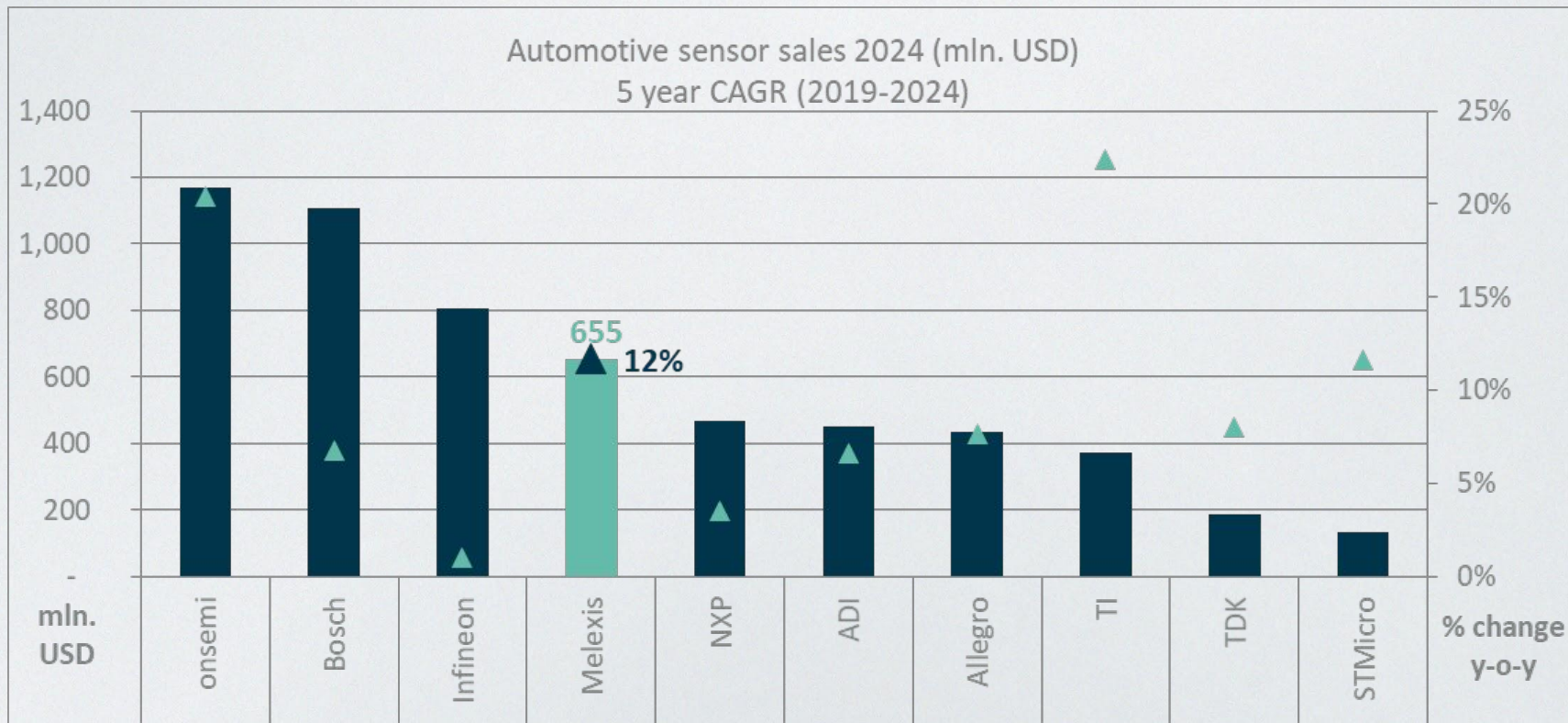


SUSTAINABLE  
WORLD





# Melexis ranks 4<sup>th</sup> worldwide in automotive sensors



# Growth trajectory

Melexis target 2024-2030

**AUTOMOTIVE SALES\***

**≥ 10 %**  
CAGR

**BEYOND AUTOMOTIVE SALES**


**≥ 15 %**  
CAGR

\*ASSUMPTION: 0% GROWTH FOR THE GLOBAL VEHICLE PRODUCTION

- EV powertrain
- EV thermal management
- EV battery
- E-braking & E-steering
- Lighting
- Alternative mobility
- Sustainable world
- Robotics
- Digital health

## GROWTH DRIVERS





**3** continents  
**20** locations

### **Sales & Applications**

Belgium – Ieper, Tessenderlo  
Greater China – Shanghai, Shenzhen, Taipei  
France – Sophia Antipolis, Paris  
Germany – Erfurt, Dresden  
Japan – Yokohama  
South Korea – Seoul  
Switzerland – Bevaix  
United States – Novi  
United States – San Jose

### **Manufacturing**

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

### **Research & Development**

Belgium – Ieper, Tessenderlo  
Bulgaria – Sofia  
France – Sophia Antipolis, Paris  
Germany – Erfurt, Dresden, Düsseldorf  
Malaysia – Kuching  
Philippines – Manila  
Switzerland – Bevaix  
Ukraine – Kyiv



# Major automotive trends

## Electrification

- EV powertrain
- Thermal management
- Battery

## Premiumization

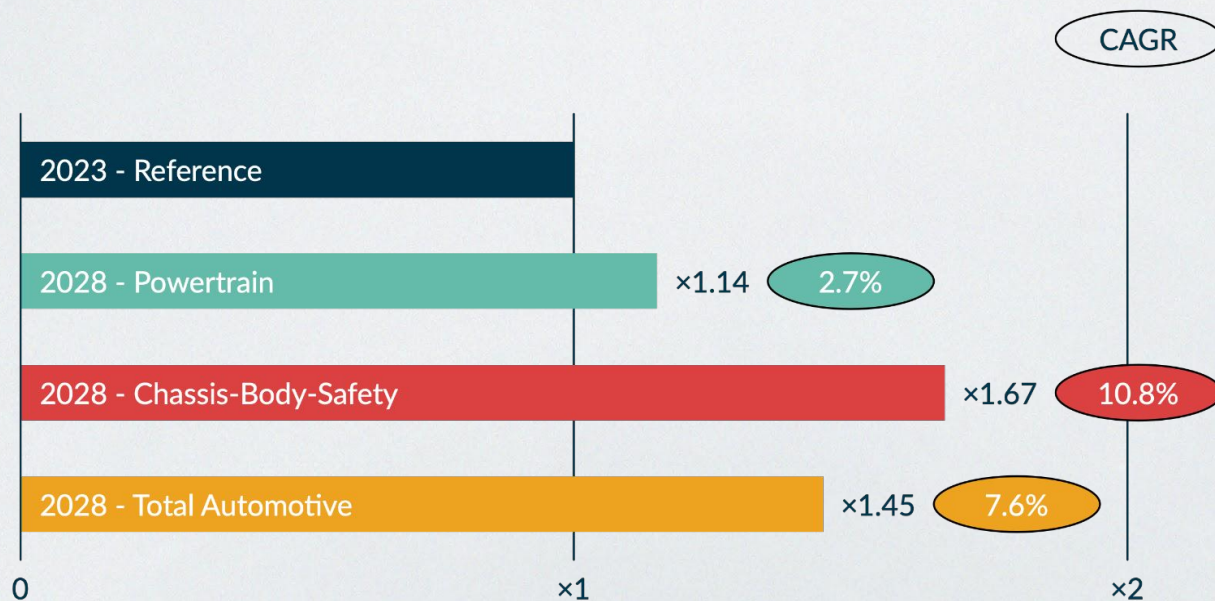
- Interior and exterior lighting
- Motors (seat, window, HVAC, grille shutter)

## ADAS

- E-braking and E-steering
- Dynamic lighting
- Time-of flight
- TPMS

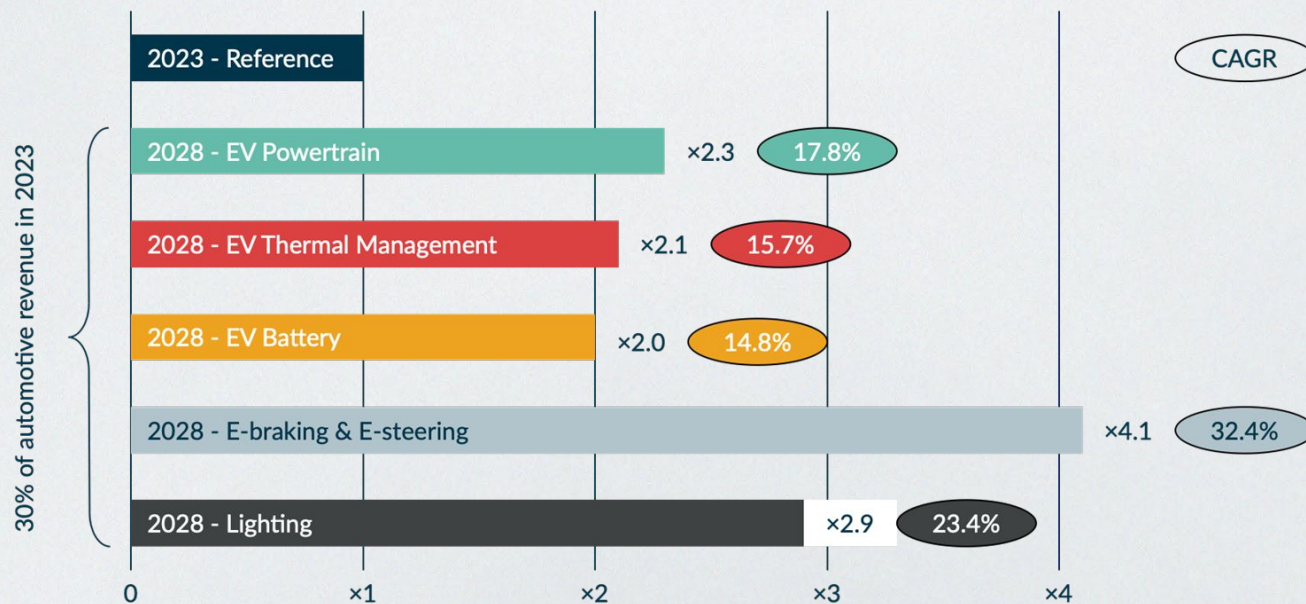
Melexis has a well diversified portfolio, limiting its dependency on the type of powertrain.

# Serviceable addressable market (in EUR)





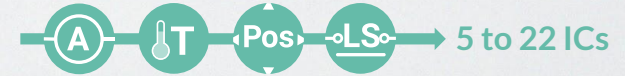
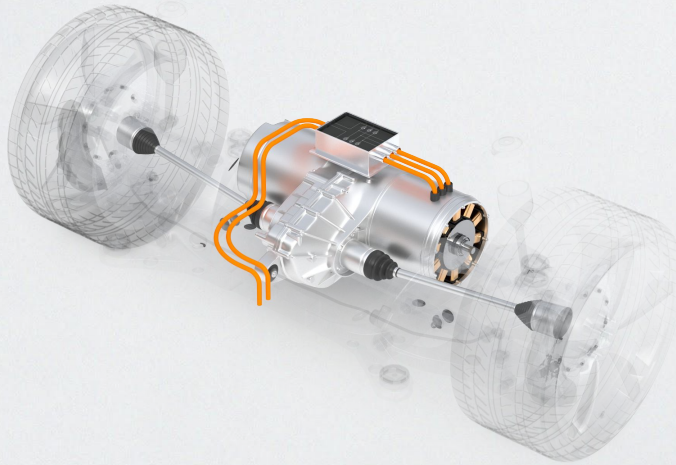
# Serviceable addressable market (in EUR)





# EV POWERTRAIN

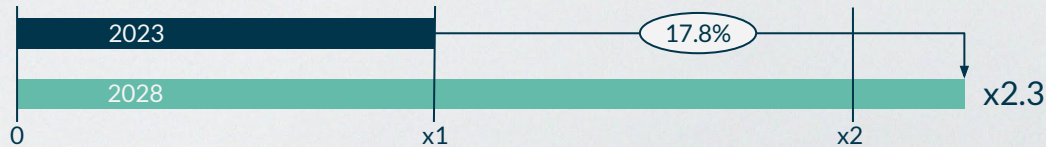
## Efficiency matters



In electric vehicles, the inverter converts DC power from the battery to AC power for the motor drive, which in turn transforms it into propulsion power. The efficiency of this system has a direct impact on the all-electric range, road performance and comfort.

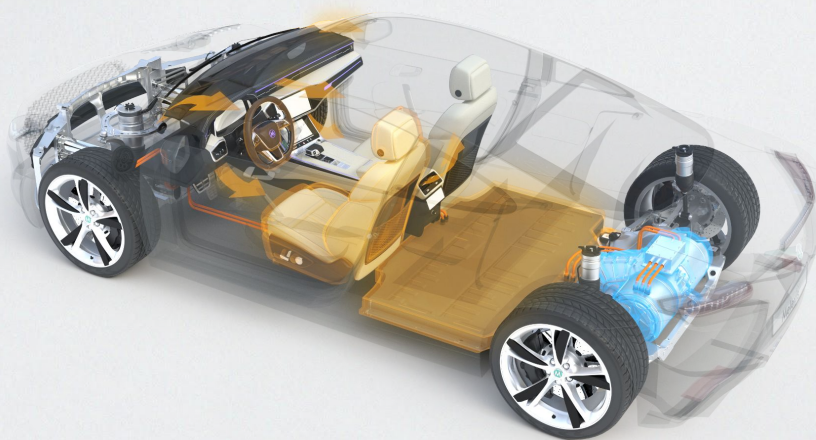
- AC phase current monitoring
- Rotor position sensing
- Power module temperature monitoring
- Safety cover open/close detection
- Power module signal filtering (snubber)

### Serviceable Addressable Market



# EV THERMAL MANAGEMENT

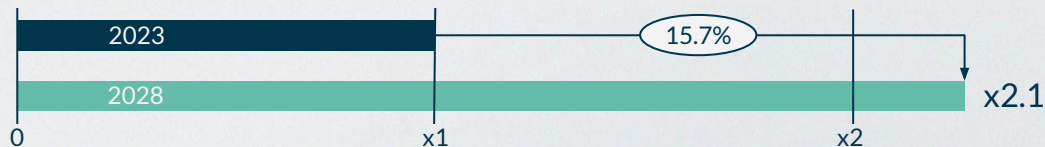
## Optimizing energy consumption



In order to optimize energy while increasing the All Electric Range, a perfect thermal management system is key. Ideal performance of the battery requires a temperature between 20-40°C. Without the free heat of a classical ICE, the energy for heating & cooling the cabin needs to be optimized.

- Pressure monitoring
- Temperature monitoring
- Current consumption monitoring
- E-compressor current sensing
- Fast charge current monitoring
- Valve & pump positioning & controlling
- Refrigerant pressure sensing (Triphibian)

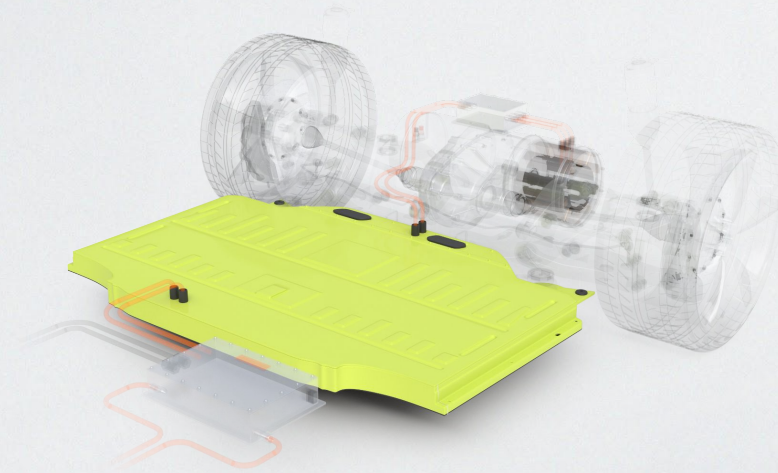
### Serviceable Addressable Market





# EV BATTERY

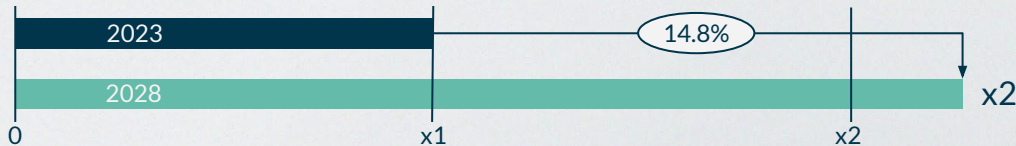
Extending battery range, life and safety



The high voltage battery stores electrical energy which powers the electric motor. It determines the range the vehicle can travel on a single charge. Its optimization is a game changer. Battery management systems ensure the safety and the longevity of the battery.

- Current monitoring
- Pressure monitoring
- Temperature monitoring
- Impedance sensing
- Thermal runaway detection

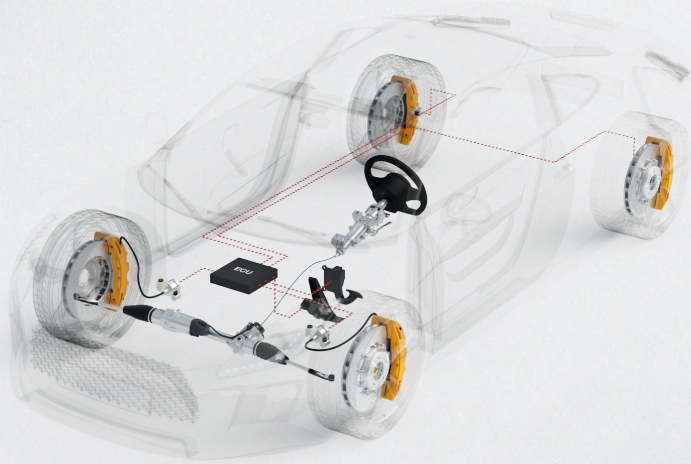
Serviceable Addressable Market





# E-BRAKING & E-STEERING

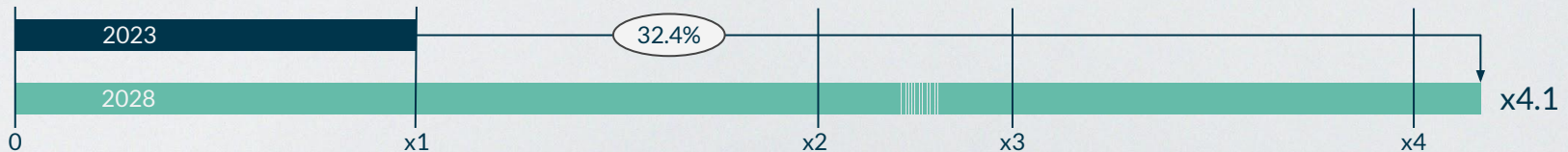
Higher safety level for (autonomous) cars



In the world of automotive innovation, sensor ICs act as the silent heroes, enabling precise control, responsiveness, reliability and safety. These technical marvels drive us on the journey from pumps & vacuum (mechanical) to the X-by-wire revolution (electronic).

- E-steering wheel angle position & torque sensing
- E-steering rack position sensing
- E-brake pedal position sensing
- E-brake caliper position & force sensing
- Rotor positioning for electric motors
- Park lock motor positioning & controlling
- Fluid level sensing

## Serviceable Addressable Market



# INTERIOR & EXTERIOR LIGHTING

Functionality, personalization and premiumization

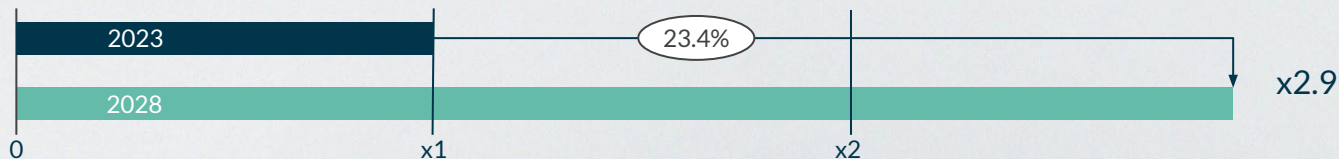
RGB → 10 to 150 ICs



Lighting is upgrading the interior and exterior of our cars. It brings comfort, safety and functionality. Lighting is the new differentiator for OEMs as well as for brand recognition.

- Interior ambient lighting
- Animated lighting
- Logo & grille illumination
- Daytime running light
- Rear lighting

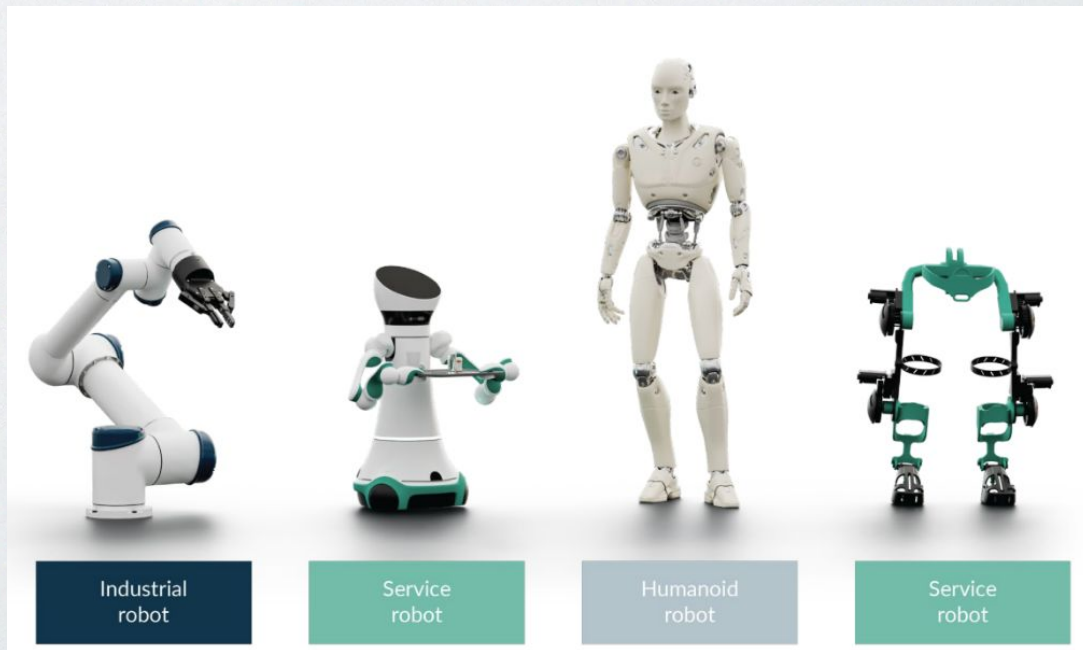
## Serviceable Addressable Market





# Robotics require many sensors and drivers

- **Joints**
  - Position sensors
  - Compact Motor drivers
  - Torque sensors
- **Battery management**
  - Thermal sensing
  - Current sensing
- **Power train (2-, 3-, 4-wheels)**
  - Motor drivers
- **End effectors**
  - Force sensors
  - Thermal sensors
- **Environment sensing**
  - Thermal sensors
- **Complex embedded SW (Edge AI)**

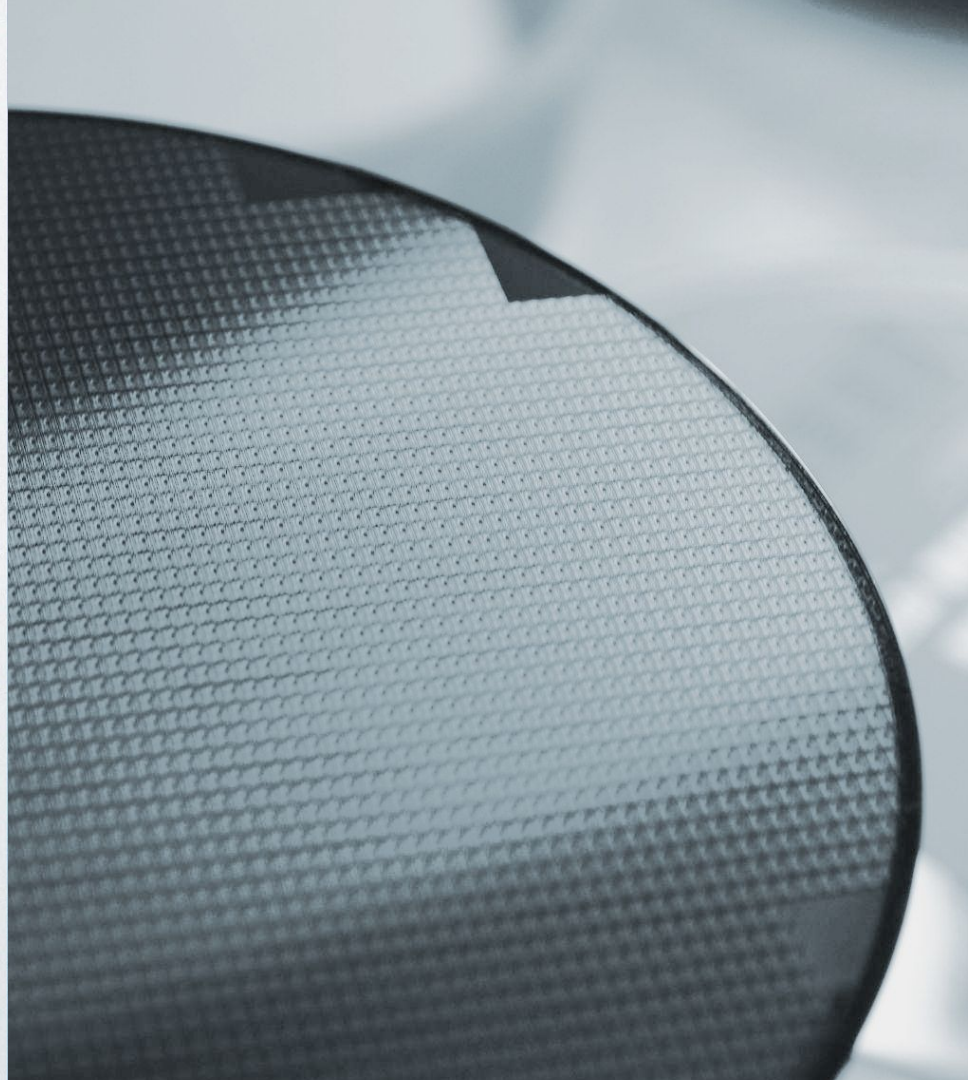




# End-to-end China Strategy

## 端到端的中国战略

- Local outsourced semiconductor assembly and test (OSAT) partner  
外包半导体封装测试合作伙伴
- Chinese semiconductor wafer fabrication partner  
中国晶圆制造合作伙伴
- Locally embedded logistics hub  
本地物流中心



# Melexis is at the forefront of innovation

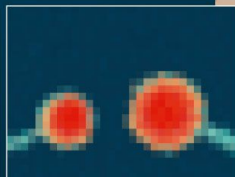
## TEMPERATURE SENSOR ICs

32x24 pixel InfraRed (IR) array



MLX90642

- Best-in-class Signal-to-Noise Ratio
- 2 Field of View options
- Factory calibrated



## MAGNETIC POSITION SENSOR ICs

Sensing for industrial control systems



MLX90427

- Contactless design
- Integrated stray-field immunity (SFI)
- Cost-effective solution with SPI output



Melexis  
INNOVATION WITH HEART

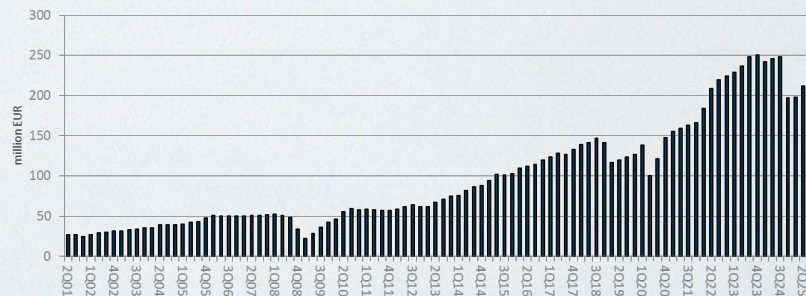


# Evolution Financials 2001-2025

## Turnover

Q2 2025: 211.6 mIn EUR

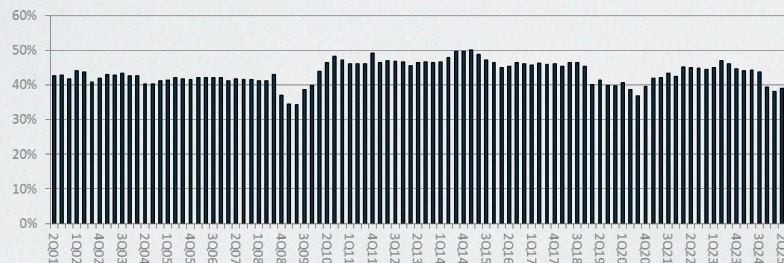
HY 2025: 409.8 mIn EUR



## Gross result

Q2 2025: 82.6 mIn EUR (39.0%)

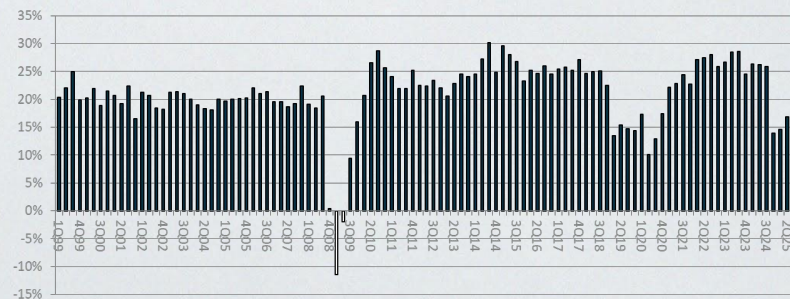
HY 2025: 158.3 mIn EUR (38.6%)



## Operating result

Q2 2025: 35.7 mIn EUR (16.8%)

HY 2025: 64.6 mIn EUR (15.8%)



# Q2 2025 results at a glance

<b>Sales</b>  211.6 mln EUR  -14% Y-o-Y	<b>Gross margin</b>  39.0% 82.6 mln EUR  -24% Y-o-Y	<b>Operating result</b>  16.8% 35.7 mln EUR  -45% Y-o-Y
<b>Net result</b>  0.94 EPS 37.8 mln EUR  -23% Y-o-Y	<b>Operating cash flow</b> (before working capital changes) 58.3 mln EUR  -25% Y-o-Y	<b>Net debt</b>  280.1 mln EUR

## Outlook

Melexis expects sales in the third quarter of 2025 to be in the range of 210 to 215 million EUR. For the full year 2025, Melexis expects sales to be in the range of 835 to 845 million EUR, with a gross profit margin around 39% and an operating margin around 16%, all taking into account a EUR/USD exchange rate of 1.17 for the remainder of the year. For the full year 2025, Melexis expects CAPEX to be around 40 million EUR (previously around 50 million EUR).



# Profit & loss

Q2 2025 versus Q2 2024 versus Q1 2025

P&L account (in million EUR)		Q2 2025	% of Sales	Q2 2024	% of Sales	Q1 2025	% of Sales
<b>Sales</b>		211.6	100.0%	245.7	100.0%	198.2	100.0%
	Cost of goods sold	-129.0	-61.0%	-137.0	-55.7%	-122.6	-61.8%
<b>Gross margin</b>		82.6	39.0%	108.8	44.3%	75.7	38.2%
	R&D	-28.8	-13.6%	-26.5	-10.8%	-28.4	-14.3%
	G&A	-13.3	-6.3%	-13.0	-5.3%	-13.5	-6.8%
	Selling	-4.8	-2.3%	-4.9	-2.0%	-4.8	-2.4%
<b>EBIT</b>		35.7	16.8%	64.4	26.2%	29.0	14.6%
	Net financial result	8.4	4.0%	-3.4	-1.4%	-0.5	-0.2%
	Income taxes	-6.2	-2.9%	-11.9	-5.0%	-3.9	-2.0%
<b>Net profit</b>		37.8	17.9%	49.1	19.8%	24.6	12.4%
<b>Earnings per share</b>		0.94		1.21		0.61	

# HY 2025 results at a glance

<b>Sales</b> 409.8 mln EUR -16% Y-o-Y	<b>Gross margin</b> 38.6% 158.3 mln EUR -27% Y-o-Y	<b>Operating result</b> 15.8% 64.6 mln EUR -50% Y-o-Y
<b>Net result</b> 1.54 EPS 62.4 mln EUR -39% Y-o-Y	<b>Operating cash flow</b> (before working capital changes) 101.5 mln EUR -33% Y-o-Y	<b>Net debt</b> 280.1 mln EUR

## Outlook

Melexis expects sales in the third quarter of 2025 to be in the range of 210 to 215 million EUR. For the full year 2025, Melexis expects sales to be in the range of 835 to 845 million EUR, with a gross profit margin around 39% and an operating margin around 16%, all taking into account a EUR/USD exchange rate of 1.17 for the remainder of the year. For the full year 2025, Melexis expects CAPEX to be around 40 million EUR (previously around 50 million EUR).



# Profit & loss

HY 2025 versus HY 2024

P&L account (in million EUR)		HY 2025	% of Sales	HY 2024	% of Sales
<b>Sales</b>		409.8	100.0%	487.5	100.0%
	Cost of goods sold	-251.6	-61.4%	-272.0	-55.8%
<b>Gross margin</b>		158.3	38.6%	215.6	44.2%
	R&D	-57.2	-14.0%	-53.5	-11.0%
	G&A	-26.8	-6.5%	-24.5	-5.0%
	Selling	-9.6	-2.4%	-9.5	-1.9%
<b>EBIT</b>		64.6	15.8%	128.1	26.3%
	Net financial result	7.9	1.9%	-4.7	-1.0%
	Income taxes	-10.1	-2.5%	-21.3	-4.4%
<b>Net profit</b>		62.4	15.2%	102.0	20.9%
<b>Earnings per share</b>		1.54		2.53	

# Balance Sheet

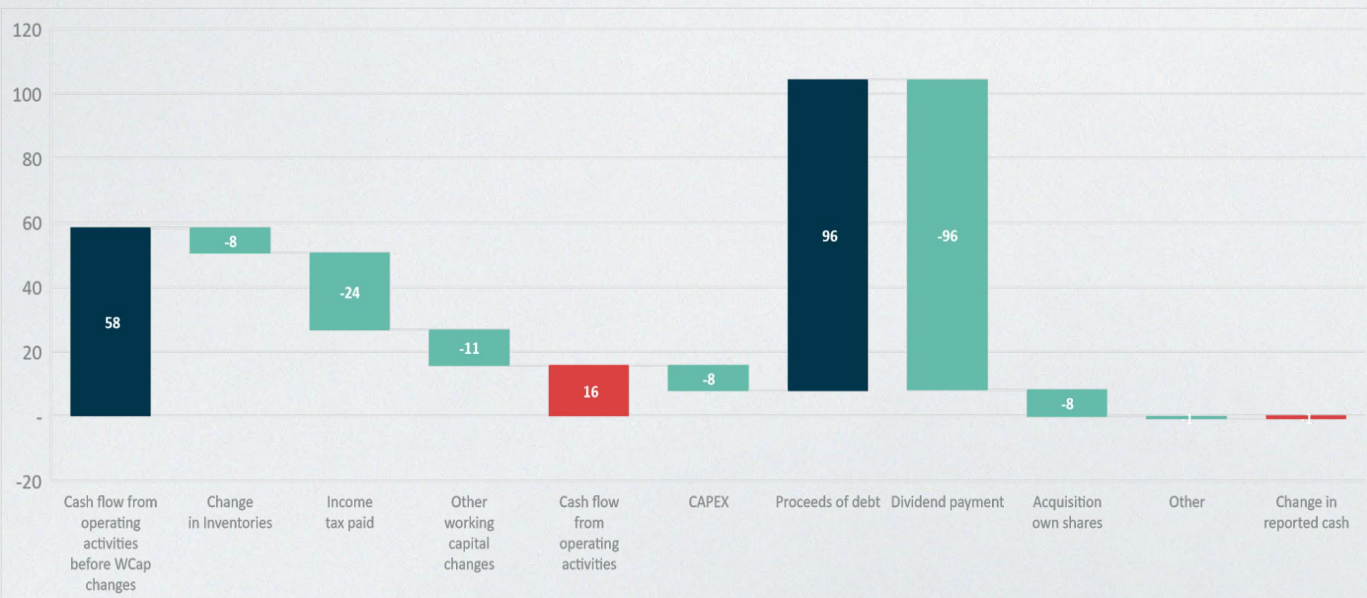
Q2 2025 versus Q2 2024 versus Q1 2025

Balance Sheet (in million EUR)	Q2 2025	Q2 2024	Q1 2025
<b>Total assets</b>	928.1	891.1	904.9
<b>Current assets</b>			
Cash	33.9	38.6	34.8
Inventory	281.2	256.8	281.8
A/R Trade	104.8	119.5	101.6
<b>Non-current assets</b>	371.2	440.2	396.2
<b>Shareholders' equity</b>	508.3	553.6	576.2
<b>Interest bearing debt</b>	314.0	229.8	217.7
Long term	308.7	229.8	205.4
Short term	5.3	0.0	12.3



# Q2 2025 cash flow

Mln. EUR

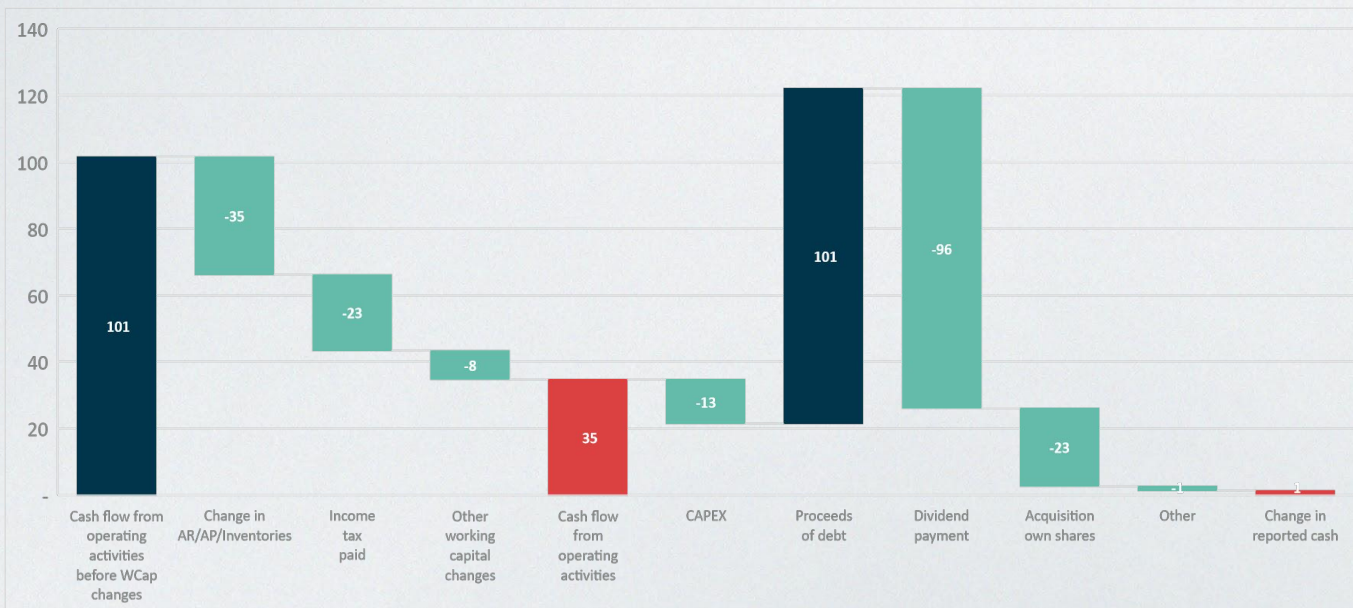


Dividend paid of  
96 mln EUR

8 mln EUR own  
shares bought

# HY 2025 cash flow

Mln. EUR



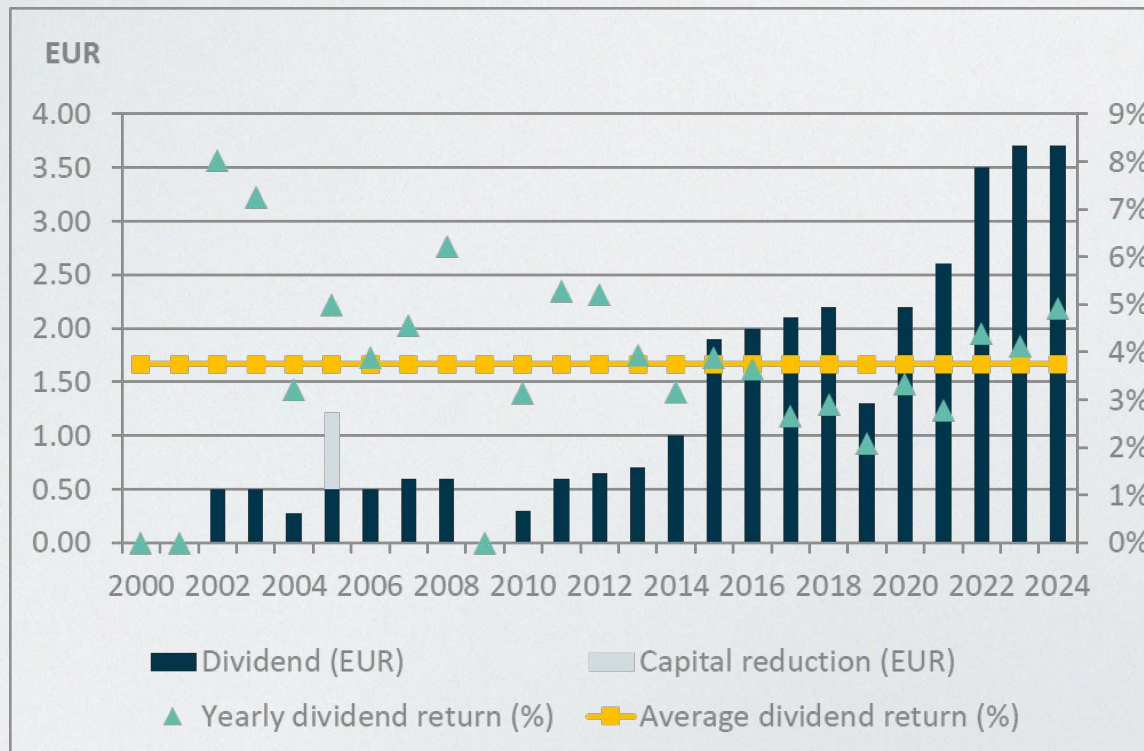
Free cash flow of  
21 mln EUR

Dividend paid of  
96 mln EUR



# Cash return to shareholders

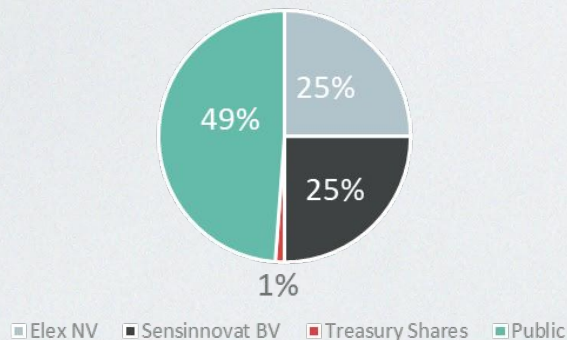
Yield based on average share price



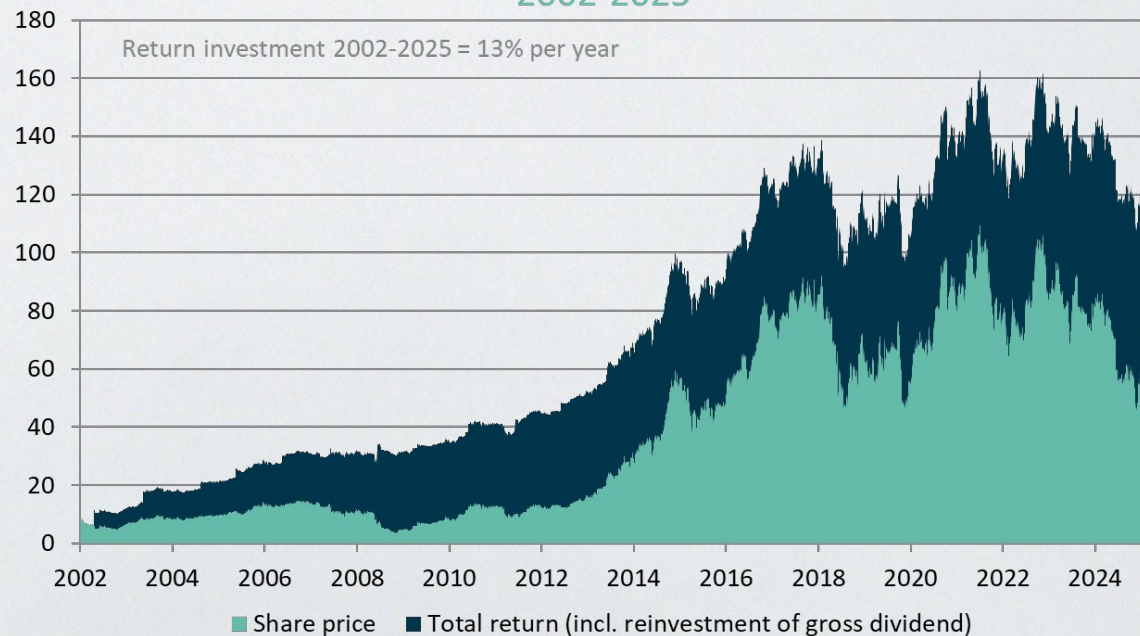
- Solid dividend yield and long track record
- Share buy-back program for up to 850 thousand shares for an amount of up to EUR 50 million initiated in December 2024

# Shareholder structure and shareholder return

Shareholder structure on  
30 June 2025



Shareholder Return  
2002-2025





# INDUSTRY FIRST

## 1996

Programmable linear Hall sensor



## 2001

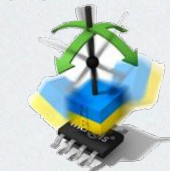
LIN system basis chip

## 2004

Single chip smart LIN

## 2005

Triaxis® magnetic sensor



## 2007

Integrated infrared thermometer (FIR)

## 2010

Single chip sensor-less BLDC motor drive solution

## 2011

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

## 2012



- Single chip LIN RGB driver
- SENT pressure sensor
- 16x4 infrared array

## 2013

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

## 2014



- WPC & NFC automotive solution
- Programmable 2-wire Hall sensor with integrated capacitor
- Triaxis® micropower magnetometer for automotive
- Time-of-flight 3D camera IC

## 2015

Thermocouple Interface with on-board diagnostic featuring SENT

## 2016

- Smallest Tire Pressure Monitoring Sensor (TPMS) IC
- Far Infrared Thermal (IR) sensor array

## 2017

- Time-of-flight chipset
- Dual die L&S sensor

## 2018

- ASIL ready Triaxis® Position sensor IC
- Hall-effect current sensors

## 2019



- Automotive grade single-chip VGA time-of-flight sensor
- Miniature medical grade infrared temperature sensor

## 2020

Multi-channel RGB-LED driver enabling high-speed light animations (MeLiBu®)

## 2021

Synthesize inductive resolver

## 2022



- Tactaxis™ gives robot a sense of touch
- Revolutionary floating switch
- Pico-resolver
- Most accurate automotive pressure sensor IC ever made
- Dual quadrature outputs L&S
- Triaxis® PCB-less dual stack dies

## 2023

- First contactless temperature to be integrated in a smartwatch.
- Accurate Hall-Effect DC current sensor IC

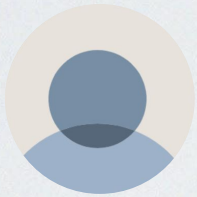
## 2024

- Triphibian MEMS pressure sensor for gas and liquid media from 2 to 70 bar
- Induxis® inductive switch with integrated coils

## 2025

- Automotive driver supporting up to 500 RGB LEDs (MeLiBu®) allowing more differentiated offerings

# Melexis Investor Relations



Philip Ludwig  
Investor Relations

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