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

1. Idea
2. Chip design
3. Wafer probe
4. Final test
5. Customer

- Wafer fab
- Assembly

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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:

1. Quality Zero incidents
2. Sustainable development
3. Prevention is better than cure
4. Minimal environmental impact
5. Open contacts with all the stakeholders
Sustainable Development Goals (SDGs)

Importance to stakeholders

Moderate

Significant

Major

Impact on Melexis

SDGs

12. Responsible consumption and production
13. Climate action
7. Affordable and clean energy
8. Decent work and economic growth
3. Good health and well-being
4. Quality education
5. Gender equality
6. Industry innovation and infrastructure
10. Reduced inequalities
11. Responsible consumption and production
12. Climate action
7. Affordable and clean energy
8. Decent work and economic growth
3. Good health and well-being
4. Quality education
5. Gender equality
6. Industry innovation and infrastructure
10. Reduced inequalities
Melexis supplied > **1.3 billion** ICs worldwide in 2020

- Magnetic position sensors
- Inductive position sensors
- Current sensors
- Latch & switch
- Embedded drivers
- Smart drivers
- Pressure sensors
- Tire monitoring sensors
- Temperature sensors
- Optical sensors
- Sensor interfaces
- 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
13 chips in every new car

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

- **Master Networked Lighting**
  - Interior & Exterior

- **POWERTRAIN**

- **Strengthen Electrification**
  - Hybrid & Electric Vehicles

- **CHASSIS - BODY - SAFETY**

- **Serve Automotive Innovation**
  - Mechatronic, Intelligent Vehicles

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Internal Combustion Engine (ICE + uHEV)

48 Volt Mild Hybrid (mHEV)

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

Electrical Vehicle (BEV – FCEV)
Global vehicle production (million units)

Electrification – Segmentation – Market Split

Source: IHS and Melexis estimates, updated Feb 01, 2021
Automotive - From 10 to 20 (ICs/car)

- Internal Combustion Engine (ICE)
- Start/stop (µHEV)
- 48V mild hybrid (mHEV)
- Full hybrid (fHEV)
- Plug-in hybrid (pHEV)
- Electric vehicle (BEV - FCEV)
### Powertrain Systems

<table>
<thead>
<tr>
<th>Market CAGR</th>
<th>Market (Millions Cars)</th>
<th>Powertrain Systems</th>
<th>TAM for Melexis (Total Available Market - # ICs/car)</th>
</tr>
</thead>
<tbody>
<tr>
<td>-4%</td>
<td>64.6 52.3</td>
<td>Internal Combustion Engine (ICE &amp; uHEV)</td>
<td>#26 #35</td>
</tr>
<tr>
<td>+41%</td>
<td>20.6 3.7</td>
<td>48 Volt Mild Hybrid (mHEV)</td>
<td>#41 #54</td>
</tr>
<tr>
<td>+25%</td>
<td>12 4</td>
<td>Full Hybrid (fHEV) Plug-In Hybrid (pHEV)</td>
<td>#52 #62</td>
</tr>
<tr>
<td>+37%</td>
<td>2.2 10.6</td>
<td>Electrical Vehicle (BEV - FCEV)</td>
<td>#35 #39</td>
</tr>
<tr>
<td>+5%</td>
<td>95.5</td>
<td>Total Weighted TAM</td>
<td>#28 #43</td>
</tr>
</tbody>
</table>

Source: IHS and Melexis estimates, updated Feb 01, 2021
# Chassis – Body – Safety Systems

<table>
<thead>
<tr>
<th>Market Segment</th>
<th>Market (Millions Cars)</th>
<th>Car Segments</th>
<th>Chassis - Body - Safety Systems</th>
<th>Weighted TAM for Melexis (Total Available Market - # ICs/car)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chassis - Steering #11</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chassis - Braking #10</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Chassis - Suspension #2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Body - Lighting #13</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Body - HVAC #7</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Body - others #11</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Passive) Safety #15</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAGR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-1%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+6%</td>
<td></td>
<td></td>
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<tr>
<td>+6%</td>
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<tr>
<td>+6%</td>
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<tr>
<td>+5%</td>
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</tr>
<tr>
<td>+5%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+3%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+5%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Source: IHS and Melexis estimates, updated Feb 01, 2021</th>
<th>2020</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>74.5</td>
<td>137</td>
</tr>
<tr>
<td>Weighted TAM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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## Melexis in automotive

<table>
<thead>
<tr>
<th>Market CAGR</th>
<th>Market (Millions Cars)</th>
<th>Chassis - Body - Safety Systems</th>
<th>Weighted TAM for Melexis (Total Available Market - # ICs/car)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Powertrain</td>
<td>#28 #43</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chassis - Body - Safety</td>
<td>#87 #137</td>
</tr>
<tr>
<td>+5%</td>
<td>95.5</td>
<td>Total Weighted TAM</td>
<td>#115 #180</td>
</tr>
</tbody>
</table>

Source: IHS and Melexis estimates, updated Feb 01, 2021

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Tesla Model Y / Models X, S and 3

Chassis - Body - Safety (46)  Powertrain (12-14)

- Interior ambient lighting (x20)
- HVAC blower (x1)
- HVAC pressure (x3)
- Dashboard GPU fan (x1)
- ADAS/ICAS GPU fan (x1)
- Water valve (x4)
- Water pump (x4)
- Chassis height sensor (x4)
- Steering column control (x1)
- Seat position (x2)
- Seat belt buckle (x5)
- Door handle wake up switch (x4)
- EV inverter (x2-4)
- DC/DC converter (x2)
- Intelligent TPMS (x4)
Volkswagen ID.3/MEB

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

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

*estimation

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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...

12% 2020 88%

Auto vs Adjacent

20% 2025 80%

2020
- 26% 13% 6%
- 30% 25% 30%

Current Magnetic
Smart Drivers
Temperature
Others

2025
- 12% 10% 22%
- 20% 36%
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%
### Q2 2021 results at a glance

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sales</strong></td>
<td>159.1m EUR</td>
<td>+58% Y-o-Y</td>
</tr>
<tr>
<td><strong>Gross margin</strong></td>
<td>42.2%</td>
<td>+73% Y-o-Y</td>
</tr>
<tr>
<td><strong>Operating result</strong></td>
<td>22.9%</td>
<td>+260% Y-o-Y</td>
</tr>
<tr>
<td><strong>Net result</strong></td>
<td>0.83 EPS</td>
<td>+246% Y-o-Y</td>
</tr>
<tr>
<td><strong>Oper. cash flow</strong></td>
<td>(before wcap change)</td>
<td>+176% Y-o-Y</td>
</tr>
<tr>
<td><strong>Net cash</strong></td>
<td>32.1m EUR</td>
<td></td>
</tr>
</tbody>
</table>

**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

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

Sales
314.7m EUR
+32% 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

Net result
1.52 EPS
61.3m EUR
+102% 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**

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

### Q2 2021 versus Q2 2020 versus Q1 2021

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

Free cash flow of 19m EUR in 2Q21 (7m EUR in 2Q20)

36m EUR dividend paid to the shareholders of Melexis in 2Q21
Free cash flow of 41m EUR in HY21 (20m EUR in HY20)

36m EUR dividend paid to the shareholders of Melexis in HY21
Dividend yield

Based on average share price

<table>
<thead>
<tr>
<th>Year</th>
<th>Gross dividend per share (EUR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>0.50</td>
</tr>
<tr>
<td>2006</td>
<td>0.50</td>
</tr>
<tr>
<td>2007</td>
<td>0.60</td>
</tr>
<tr>
<td>2008</td>
<td>0.60</td>
</tr>
<tr>
<td>2009</td>
<td>0.00</td>
</tr>
<tr>
<td>2010</td>
<td>0.30</td>
</tr>
<tr>
<td>2011</td>
<td>0.60</td>
</tr>
<tr>
<td>2012</td>
<td>0.65</td>
</tr>
<tr>
<td>2013</td>
<td>0.70</td>
</tr>
<tr>
<td>2014</td>
<td>1.00</td>
</tr>
<tr>
<td>2015</td>
<td>1.90</td>
</tr>
<tr>
<td>2016</td>
<td>2.00</td>
</tr>
<tr>
<td>2017</td>
<td>2.10</td>
</tr>
<tr>
<td>2018</td>
<td>2.20</td>
</tr>
<tr>
<td>2019</td>
<td>1.30</td>
</tr>
<tr>
<td>2020</td>
<td>2.20</td>
</tr>
<tr>
<td>2021</td>
<td>1.30</td>
</tr>
</tbody>
</table>

(**) YTD interim

(**) payable October 21, 2021
Shareholders structure & shareholder return

Shareholder structure on 30 June 2021

- 50% Xtrion
- 50% Public

Shareholder Return 2002-2021

Return investment 2002-2021 = 17% per year

- Green: Share price
- Dark Blue: Total return (incl. reinvestment of gross dividend)
Industry firsts from Melexis

1996 Programmable linear Hall sensor

2001 LIN system basis chip

2004 Single chip smart LIN

2005 Triaxis® magnetic sensor

2007 Smart integrated infrared thermometer

2009 Single chip sensor-less BLDC motor drive solution

2010 Programmable Hall sensor for high performance current sensing end-of-line programmable Hall latches

2012 Single chip LIN RGB driver IC Pressure sensor featuring SENT 16x4 pixel infrared array

2014 WPC & NFC automotive solution Re-programmable 2 wire Hall sensor with integrated capacitor Triaxis® micropower magnetometer Mass production of automotive ToF sensor IC

2015 Thermocouple Interface with on-board diagnostic featuring SENT

2016 3rd generation TPMS IC and Far Infrared (IR) Thermal Sensor Array

2017 New ToF Sensor chipset for robust 3D imaging & 1st dual die L&S sensor

2018 Next generation Triaxis® Position sensor IC and Hall-effect current sensors

2019 Miniature medical grade infrared temperature sensor

2020 MLX81116 multi-channel RGB-LED driver enabling high-speed light animations with the MeLiBu™ communication interface

2021 20 W low noise single coil fan and pump driver for automotive applications

2022 Miniature medical grade infrared temperature sensor

2023 Automotive grade single-chip VGA ToF sensor

2024 3rd generation TPMS IC and Far Infrared (IR) Thermal Sensor Array

2025 New ToF Sensor chipset for robust 3D imaging & 1st dual die L&S sensor

2026 Next generation Triaxis® Position sensor IC and Hall-effect current sensors
Karen van Griensven  
CFO

Valerie Kerfs  
IR Professional

investor@melexis.com
+32 (0)13 67 07 79