Presentation results Q1 2021
What do we do?

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

1. Idea
2. Wafer fab
3. Wafer probe
4. Assembly
5. Final test

Customer
SUSTAINABILITY AT HEART

Our environmental policy is based on five principles:

- Quality Zero incidents
- Prevention is better than cure
- Sustainable development
- Minimal environmental impact
- Open contacts with all the stakeholders
Melexis strategy

Focus on **innovation** in automotive and adjacent markets

Leadership in **sensing and driving solutions** to our customers’ advantage

**Organic growth**, selective acquisitions
Common denominator: sensing & driving is everywhere
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
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.
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
Melexis vs Automotive Trends

Melexis enables
edge sensing & edge driving

Melexis engineers small, smart
Sensing and Driving nodes
supporting
in-vehicle edge computing systems
Melexis vs. automotive trends

- **Powertrain systems**
- **Zero emissions**
  - Electrification (xHEV & xEV)
- **Zero traffic fatalities**
  - ADAS (assisted & autonomous drive)
- **User experience**
  - Personalization (customization)

- **Chassis, body & safety systems**
Powertrain Systems

Levels of Electrification
Global vehicle production (million units)

Electrification – Segmentation – Market Split

Source: IHS and Melexis estimates, updated Feb 01, 2021
Powertrain split – 2020 & 2025

Electrification – Segmentation – Market Split

Source: IHS and Melexis estimates, updated Feb 01, 2021
# 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</td>
<td>Internal Combustion Engine (ICE &amp; uHEV)</td>
<td>#26 #35</td>
</tr>
<tr>
<td>+41%</td>
<td>20.6</td>
<td>48 Volt Mild Hybrid (mHEV)</td>
<td>#41 #54</td>
</tr>
<tr>
<td>+25%</td>
<td>12</td>
<td>Full Hybrid (fHEV) Plug-In Hybrid (pHEV)</td>
<td>#52 #62</td>
</tr>
<tr>
<td>+37%</td>
<td>2.2</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
- Braking
- Steering
- Suspension

Body
- Lighting
- HVAC
- Others

Safety
- (Passive)

Source visuals: BMW
- https://www.autozeitung.de/klimaanlage-auto-wartung-funktion-187691.html
- http://ferryeng.pli/Cremallera-de-directo-hidraulica-Nissan-Tecnologia-t.html

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## Chassis – Body – Safety Systems

<table>
<thead>
<tr>
<th>Market CAGR</th>
<th>Market (Millions of 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>-1%</td>
<td>5.7, 5.3</td>
<td>A-segment</td>
<td>Chassis - Steering: #11</td>
<td></td>
</tr>
<tr>
<td>+6%</td>
<td>13.8, 18.7</td>
<td>B-segment</td>
<td>Chassis - Braking: #10</td>
<td></td>
</tr>
<tr>
<td>+6%</td>
<td>25.9, 35.1</td>
<td>C-segment</td>
<td>Chassis - Suspension: #2</td>
<td></td>
</tr>
<tr>
<td>+5%</td>
<td>15.4, 19.4</td>
<td>D-segment</td>
<td>Body - Lighting: #13</td>
<td></td>
</tr>
<tr>
<td>+5%</td>
<td>10.1, 12.8</td>
<td>E-segment</td>
<td>Body - HVAC: #7</td>
<td></td>
</tr>
<tr>
<td>+3%</td>
<td>3.6, 4.2</td>
<td>F-segment</td>
<td>Body - others: #11</td>
<td></td>
</tr>
<tr>
<td></td>
<td>95.5, 74.5</td>
<td>Total</td>
<td>(Passive) Safety: #15</td>
<td></td>
</tr>
<tr>
<td>+5%</td>
<td></td>
<td>Weighted TAM</td>
<td></td>
<td>Source: IHS and Melexis estimates, updated Feb 01, 2021</td>
</tr>
</tbody>
</table>

2020 2025
# 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</td>
</tr>
<tr>
<td>+5%</td>
<td>74.5</td>
<td>Total</td>
<td>#137</td>
</tr>
<tr>
<td>2020</td>
<td>95.5</td>
<td>Weighted TAM</td>
<td>#115</td>
</tr>
<tr>
<td>2025</td>
<td></td>
<td></td>
<td>#180</td>
</tr>
</tbody>
</table>

Source: IHS and Melexis estimates, updated Feb 01, 2021
Tesla Model 3

* Chassis - Body - Safety (25)
* Powertrain (7)
Melexis Smart Life – beyond automotive

- **Alternative Mobility**
  2–3 wheelers, micro-mobility, micro-delivery

- **Computing & networking**
  Cooling & power management

- **Robotics**
  Automation, social interaction, assisting

- **Carbon-neutral society**
  Smart appliances, smart buildings, non-fossil energy, smart metering

- **Well-being**
  Health, medical, wearable, gaming
Milestones

1 TOF 3D by Melexis
1 BILLION SENSORS SHIPPED

2 Melexis BILLION SWITCHES SHIPPED

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Evolution financials 2000-2021

**Turnover**
Q1 2021: 155.6 mln EUR  
FY 2020: 507.5 mln EUR

**Gross profit margin**
Q1 2021: 42.0%  
FY 2020: 39.0%

**Operating margin**
Q1 2021: 22.2%  
FY 2020: 14.9%
# Q1 2021 results at a glance

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
<th>Change Y-o-Y</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sales</strong></td>
<td>155.6m EUR</td>
<td>+13%</td>
</tr>
<tr>
<td><strong>Gross margin</strong></td>
<td>42.0% 65.3m EUR</td>
<td>+17%</td>
</tr>
<tr>
<td><strong>Operating result</strong></td>
<td>22.2% 34.5m EUR</td>
<td>+44%</td>
</tr>
<tr>
<td><strong>Net result</strong></td>
<td>0.69 EPS 27.8m EUR</td>
<td>+34%</td>
</tr>
<tr>
<td><strong>Oper. cash flow</strong></td>
<td>(before wcap change) 47.0m EUR</td>
<td>+32%</td>
</tr>
<tr>
<td><strong>Net cash</strong></td>
<td>47.4m EUR</td>
<td></td>
</tr>
</tbody>
</table>

## Outlook

Melexis expects sales in the second quarter of 2021 in the range of 155-160 million euro. For the full year 2021, Melexis expects a sales growth between 22% and 25%, with a gross profit margin of 41% and an operating margin of 21% at the midpoint of the sales guidance, all taking into account a EUR/USD exchange rate of 1.21.
## Profit & loss

### Q1 2021 versus Q1 2020 versus Q4 2020

<table>
<thead>
<tr>
<th>P&amp;L account (in million EUR)</th>
<th>Q1 2021</th>
<th>% of Sales</th>
<th>Q1 2020</th>
<th>% of Sales</th>
<th>Q4 2020</th>
<th>% of Sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales</td>
<td>155.6</td>
<td>100.0%</td>
<td>138.2</td>
<td>100.0%</td>
<td>147.4</td>
<td>100.0%</td>
</tr>
<tr>
<td>Cost of goods sold</td>
<td>-90.3</td>
<td>-58.0%</td>
<td>-82.1</td>
<td>-59.4%</td>
<td>-89.1</td>
<td>-60.5%</td>
</tr>
<tr>
<td>Gross margin</td>
<td>65.3</td>
<td>42.0%</td>
<td>56.0</td>
<td>40.6%</td>
<td>58.3</td>
<td>39.5%</td>
</tr>
<tr>
<td>R&amp;D</td>
<td>-19.7</td>
<td>-12.7%</td>
<td>-20.5</td>
<td>-14.9%</td>
<td>-20.2</td>
<td>-13.7%</td>
</tr>
<tr>
<td>G&amp;A</td>
<td>-7.6</td>
<td>-4.9%</td>
<td>-7.8</td>
<td>-5.7%</td>
<td>-8.6</td>
<td>-5.9%</td>
</tr>
<tr>
<td>Selling</td>
<td>-3.4</td>
<td>-2.2%</td>
<td>-3.7</td>
<td>-2.7%</td>
<td>-3.6</td>
<td>-2.5%</td>
</tr>
<tr>
<td>EBIT</td>
<td>34.5</td>
<td>22.2%</td>
<td>24.0</td>
<td>17.4%</td>
<td>25.8</td>
<td>17.5%</td>
</tr>
<tr>
<td>Net financial result</td>
<td>-2.1</td>
<td>-1.4%</td>
<td>-0.4</td>
<td>-0.3%</td>
<td>1.2</td>
<td>0.8%</td>
</tr>
<tr>
<td>Income taxes</td>
<td>-4.6</td>
<td>-3.0%</td>
<td>-2.8</td>
<td>-2.0%</td>
<td>-3.0</td>
<td>-2.0%</td>
</tr>
<tr>
<td>Net profit</td>
<td>27.8</td>
<td>17.8%</td>
<td>20.7</td>
<td>15.0%</td>
<td>24.0</td>
<td>16.3%</td>
</tr>
<tr>
<td>Earnings per share</td>
<td>0.69</td>
<td></td>
<td>0.51</td>
<td></td>
<td>0.59</td>
<td></td>
</tr>
</tbody>
</table>
# Balance Sheet

## Q1 2021 versus Q1 2020 versus Q4 2020

<table>
<thead>
<tr>
<th>Balance Sheet (in million EUR)</th>
<th>Q1 2021</th>
<th>Q1 2020</th>
<th>Q4 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total assets</strong></td>
<td>464.6</td>
<td>442.9</td>
<td>433.4</td>
</tr>
<tr>
<td><strong>Current assets</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash</td>
<td>76.9</td>
<td>51.1</td>
<td>58.9</td>
</tr>
<tr>
<td>Inventory</td>
<td>123.8</td>
<td>129.9</td>
<td>123.5</td>
</tr>
<tr>
<td>A/R Trade</td>
<td>74.7</td>
<td>69.1</td>
<td>65.1</td>
</tr>
<tr>
<td><strong>Non-current assets</strong></td>
<td>171.3</td>
<td>178.0</td>
<td>170.0</td>
</tr>
<tr>
<td><strong>Shareholders’ equity</strong></td>
<td>373.9</td>
<td>319.6</td>
<td>314.8</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>62.0</td>
</tr>
<tr>
<td>Short term</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>
Q1 2021 cash flow

Free cash flow of 26m EUR in 1Q21 (13m EUR in 1Q20)

Proceeds from the sale of own shares were used to pay back debt
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**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>2004</td>
<td>1.00</td>
</tr>
<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>
</tbody>
</table>

(*) incl. 0.72 cap.decr  
(**) 0.90 final dividend payable as from May 17, 2021
Shareholders structure & shareholder return

Shareholder structure on 31 Mar 2021

50% Xtrion
50% Public

Shareholder return 2002-2021

Return investment 2002-2021 = 17% per year

- Share price
- 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**: Single chip sensor-less BLDC motor drive solution
- **2012**: Single chip LIN RGB driver IC
- **2012**: Pressure sensor featuring SENT 16x4 pixel infrared array
- **2013**: Programmable Hall sensor for high performance current sensing end-of-line programmable Hall latches
- **2014**: WPC & NFC automotive solution
- **2014**: Re-programmable 2 wire Hall sensor with integrated capacitor
- **2014**: Triaxis® micropower magnetometer
- **2015**: Mass production of automotive ToF sensor IC
- **2016**: Next generation Triaxis® Position sensor IC and Hall-effect current sensors
- **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**: Programmable Hall sensor for high performance current sensing end-of-line programmable Hall latches
- **2018**: WPC & NFC automotive solution
- **2018**: Re-programmable 2 wire Hall sensor with integrated capacitor
- **2018**: Triaxis® micropower magnetometer
- **2019**: Triaxis® micropower magnetometer
- **2019**: Miniature medical grade infrared temperature sensor
- **2020**: MLX81116 multi-channel RGB-LED driver enabling high-speed light animations with the MeLiBu™ communication interface
- **2020**: Miniature medical grade infrared temperature sensor
- **2020**: MLX81116 multi-channel RGB-LED driver enabling high-speed light animations with the MeLiBu™ communication interface
- **2019**: Fully integrated passive entry automotive-qualified NFC 3D camera sensor
- **2019**: Thermocouple Interface with on-board diagnostic featuring SENT
- **2019**: Automotive grade single-chip VGA ToF sensor
- **2019**: Miniature medical grade infrared temperature sensor
- **2020**: MLX81116 multi-channel RGB-LED driver enabling high-speed light animations with the MeLiBu™ communication interface
- **2019**: Miniature medical grade infrared temperature sensor
- **2020**: MLX81116 multi-channel RGB-LED driver enabling high-speed light animations with the MeLiBu™ communication interface
- **2019**: Miniature medical grade infrared temperature sensor
Karen van Griensven
CFO

Geert Reynders
Executive Advisor to the Board of Directors

Valerie Kerfs
IR Professional