Full year + fourth quarter results 2016

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Michael Wachsler-Markowitsch, CFO
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Our business

• Focus on high performance sensor solutions
• Sensor solutions, sensor ICs, interfaces, related software
• Small, low power, highest sensitivity, multi-sensor integration
• Best-in-class solutions for leading OEMs

Our end markets

• Consumer & Communications (C&C) – 51% of sales 2016
• Automotive, Industrial, Medical (AIM) – 49% of sales 2016

By the numbers

• 830+ engineers
• 20 design centers, 3 manufacturing locations
• 35 years of design and manufacturing know-how
• 3,300+ employees worldwide
• 8,000+ customers
ams strategy

Build the global leader in sensor solutions

True leadership in four sensor areas
• Optical
• Imaging
• Environmental
• Audio

Best-in-class performance per sensor area and in multi-sensor application solutions
• Smallest, lowest cost, high volume multi-sensor modules, driving monolithic integration
• Sensor algorithms and sensor fusion software
• Application software for differentiating end-user experiences

Diversified business with balanced application and customer portfolio
• Long-term target mix of at least 60/40 C&C / AIM split
• Broader customer base across applications

Financial target model of 30% revenue CAGR for next 3 years and 30% EBIT margin from 2019
• Primary focus on earnings growth
ams strategic value chain
Delivering best-in-class sensor solutions and applications

Sensor ICs
- Optical
- Imaging
- Environmental
- Audio

Sensor solutions
- Multi-sensor packages & modules
- Monolithic integrated sensors
- Sensor algorithms
- Sensor fusion algorithms

Application solutions
- Application software to deliver end-user experiences
# Multi-sensor solutions and sensor fusion

## ams focus

<table>
<thead>
<tr>
<th>Optical &amp; imaging sensing</th>
<th>Environmental &amp; audio sensing</th>
<th>Motion sensing</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Light analysis / proximity</td>
<td>• Gas / particle</td>
<td>• Accelerometer</td>
</tr>
<tr>
<td>• Spectral sensing</td>
<td>• Temperature</td>
<td>• Gyroscope</td>
</tr>
<tr>
<td>• Visible image</td>
<td>• Humidity</td>
<td>• Magnetometer</td>
</tr>
<tr>
<td>• 3D vision</td>
<td>• Pressure</td>
<td>• IMU (Inertial Measurement Unit)</td>
</tr>
<tr>
<td>• Time-of-flight</td>
<td>• Microphone audio</td>
<td></td>
</tr>
</tbody>
</table>

### Strategic impact on value chain
- Hardware and software content needed for full solutions
- Major players can offer one-stop capabilities
2016 – a successful year of transformation

Focused strategy around leadership in optical, imaging, environmental, audio sensing
  • Active management of technology portfolio, clear revenue growth and margin targets

Transforming acquisition of optical packaging leader Heptagon
  • Global leader in optical sensing with unique IP, strategic value for all sensing focus areas

Acquisition of CCMOSS creates leadership in gas sensing, MAZeT and Incus add specific expertise
  • Full value chain in environmental/gas sensing, broadening of spectral and audio sensing portfolio

Divestment of NFC and RFID business underlines strategic focus
  • Maximizing value of non-core area while retaining IP for wireless sensor solutions

Expected solid performance of Consumer & Communications business
  • Stronger second half despite customer-specific impact, end market weakness in first half

Positive development of automotive, industrial, medical businesses in line with expectations
  • Continued growth in automotive, attractive industrial results, strong pipeline in medical
Heptagon acquisition: Optical sensing leadership

Heptagon: Global leader in high end optical packaging

- Market leader and innovation driver in micro-optics and high performance optical packaging
- Advanced optics capabilities enable world-class integration and high end packaging solutions for optical sensing
- Currently focused on consumer market, major supplier into high volume mobile applications
- Customer base includes key customer serving smartphone/mobile device markets
- Substantial revenue growth expected starting mid-year 2017 based on revenue and capacity pipeline and existing customer commitments

Heptagon differentiation

- Small scale optical features for sensors in small scale package = optical path
- Optical path drives increasing value in optical sensing solutions
- Unique expertise to create mass-producible devices for very high volumes

ams: Clear #1 in optical sensing

- Scale and ability to drive industry trends
- Outstanding technology and solution capability under one roof
## ams optical sensing solutions

<table>
<thead>
<tr>
<th>Illumination</th>
<th>Optical path and package</th>
<th>Optical sensor</th>
</tr>
</thead>
<tbody>
<tr>
<td>• VCSEL lasers</td>
<td>• Directing light to/from illumination/sensor and in/out of package</td>
<td>• Multi-frequency spectral sensors</td>
</tr>
<tr>
<td>• IR LEDs / LEDs</td>
<td>• Optical features, e.g. lenses, embossing</td>
<td>• IR sensors</td>
</tr>
<tr>
<td>• Discrete / integrated</td>
<td>• Small scale high volume optical packages</td>
<td>• Multi-diode structures</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• SPAD diodes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Multi-sensor modules</td>
</tr>
</tbody>
</table>

### Heptagon acquisition

**Key differentiation enabling performance and driving value**

### ams existing business
Unique position for 3D sensing

3D sensing: Major new market for high value sensing
- Applications include AR/VR, gesture, face recognition, biometrics, improved 2D/video capture, body measurement, autonomous driving
- 3D availability in consumer devices will breed new applications and apps, similar to accelerometer and gyro
- Non-consumer to follow: Industrial IoT (internet of things), Automotive
- 3 key technologies: Structured light, ToF (time-of-flight), stereoscopic cameras
- Structured light: IR illumination of object, accuracy of illumination key to quality of sensing
- ToF: SPAD (avalanche diodes) or iTOF (phase difference) sensing, dedicated illumination
- Stereoscopic cameras: specific illumination needed for high quality sensing

ams: Broad involvement across 3D sensing technologies
- Optical path as key differentiator, hand-in-hand with packaging for optimum performance
- Tailored optical sensors for best-in-class integrated solutions
- Structured light: High quality random dot illumination
- ToF: Roadmap covering both ToF technologies with high performance solutions
- Stereoscopic cameras: Dedicated illumination

3D optical path and optical sensors offer significant growth and ASP opportunities
Optical and image sensing

Worldwide leader in light sensing solutions

- Clear #1 in optical sensing
- Leadership in sensors and optical path
- Optical path crucial for new sensor applications
- True Color spectral sensing for advanced display management
- Color ALS, ultra-small proximity modules
- 3D sensing capabilities to address emerging applications
- Time-of-flight (ToF) technologies (SPAD, iToF)
- Spectral sensing for biosensors, color identification, Medical
- Color and spectral sensing for Industrial IoT, smart LED lighting

High value image sensing

- High-performance area and line scan CMOS image sensors
- NanEye miniature camera technology for Medical and Industrial
- Future combination of imaging and spectral sensing
Audio sensing

ANC (active noise cancellation)
- High performance solutions based on analog noise reduction technology
- Low power budget + footprint advantages
- Significantly better receive-path audio quality
- In-phone and in-ear/headphone topologies
- Acquisition of Incus broadens ams’ solution offering for digital architectures

MEMS microphone interface ICs
- Continuing market leadership in high volume market
- Leading position in low noise solutions and tight integration
- Strong customer partnership focused on high quality segments
- Digital interface roadmap
- Exploring potential for audio sensor fusion: adding further sensor modalities to audio input hardware
Environmental (including gas) sensing

Technology leader in environmental/gas sensing

- End-to-end solution provider
- Unique CMOS-based portfolio for low power, high volume, small form factor
- Key environmental sensing areas
  - MOX gas
  - Infrared gas / presence detection
  - Relative humidity, pressure, temperature
- Broad range of emerging applications in mobile, home/building automation, Industrial IoT and other AIM markets

Uniquely positioned for multi-sensor modules and monolithic multi-sensor integration

- Combination of related environmental sensor modalities in module (e.g. gas + relative humidity)
- Integration roadmap to realize low-cost, low-power, smallest size consumer solutions
- Sensor algorithms and application software as value drivers
Scalable manufacturing model
In-house capacity + manufacturing partnerships

Internal wafer manufacturing, Austria
- 200mm capacity, 180-190k wafers p.a.
- CMOS / specialty analog down to 180nm
- High volume optical filter deposition line

Internal optical packaging, Singapore
- Technology leader in high end optical packaging
- Major capacity expansion driven by customer volume requirements
- Capex 2016/17 over USD 250m from existing cash

Manufacturing partnerships for scalability and flexibility
- High volume technology partners TSMC, UMC, Global Foundries
- Attractive multi-year volume path supports growth and margin targets
- Flexible response to end market volatility

In-house test, Austria / Philippines
Global network – design, manufacturing, support

- **Headquarters**
- **Design centers**
- **Manufacturing/Test**
- **Sales/customer support locations**

- **20 design centers**
  Austria, Switzerland (2), Italy (2), Spain, Germany (4), Belgium, UK (2), Netherlands, Portugal, Finland, USA (2), India, Japan

- **Manufacturing**
  Austria, Singapore

- **High volume test center**
  Philippines
Financial results
### Key figures

<table>
<thead>
<tr>
<th>(IAS)</th>
<th>2016</th>
<th>2015</th>
<th>Q4 2016</th>
<th>Q4 2015</th>
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<tbody>
<tr>
<td><strong>Total revenues</strong></td>
<td>549.9 EURm</td>
<td>623.1 EURm</td>
<td>133.6 EURm</td>
<td>147.2 EURm</td>
</tr>
<tr>
<td></td>
<td>- 11.7%</td>
<td>- 9.2%</td>
<td></td>
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</tr>
<tr>
<td><strong>Gross margin</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adjusted^1) IFRS reported</td>
<td>55%</td>
<td>56%</td>
<td>52%</td>
<td>57%</td>
</tr>
<tr>
<td>IFRS reported</td>
<td>52%</td>
<td>54%</td>
<td>49%</td>
<td>55%</td>
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<tr>
<td><strong>Result from operations (EBIT)</strong></td>
<td>97.1 EURm</td>
<td>165.5 EURm</td>
<td>16.4 EURm</td>
<td>35.0 EURm</td>
</tr>
<tr>
<td>Adjusted^1) IFRS reported</td>
<td>93.3 EURm</td>
<td>147.3 EURm</td>
<td>7.1 EURm</td>
<td>29.3 EURm</td>
</tr>
<tr>
<td>IFRS reported</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Net result</strong></td>
<td>102.9 EURm</td>
<td>148.7 EURm</td>
<td>13.7 EURm</td>
<td>30.6 EURm</td>
</tr>
<tr>
<td></td>
<td>- 30.8%</td>
<td>- 55.2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EPS (basic/diluted)</strong></td>
<td>CHF</td>
<td>EUR</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.67 / 1.62</td>
<td>2.30 / 2.21</td>
<td>0.22 / 0.22</td>
<td>0.48 / 0.46</td>
</tr>
<tr>
<td></td>
<td>1.53 / 1.48</td>
<td>2.16 / 2.08</td>
<td>0.21 / 0.20</td>
<td>0.44 / 0.43</td>
</tr>
</tbody>
</table>

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^1) Excluding acquisition-related and share-based compensation costs

^2) Earnings per share in CHF were converted using the average currency exchange rate for the respective periods
FINANCIAL RESULTS

P&L

BALANCE SHEET

CASH FLOW
Total revenues

- Revenue development reflects weakness in consumer in H1 and year of transition
- On constant currency basis, revenues 2016 also 12% lower year-on-year
Revenue distribution
% of revenues

Total revenues by region 2015/2016

<table>
<thead>
<tr>
<th>Region</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asia/Pacific</td>
<td>64%</td>
<td>58%</td>
</tr>
<tr>
<td>Americas</td>
<td>32%</td>
<td>37%</td>
</tr>
<tr>
<td>Europe (EMEA)</td>
<td>4%</td>
<td>5%</td>
</tr>
</tbody>
</table>

Total revenues by market 2016

- Automotive, Industrial, Medical (+ 14 pp): 49%
- Consumer & Communications (- 14 pp): 51%

- Increase of European revenues due to higher shares of Automotive, Industrial, Medical
- Consumer & Communications share of revenues down from 2015 due to weaker market development
Total backlog
EURm

- Backlog comparison reflects expected positive start into 2017
- Total backlog + designated consignment stock agreements = total customer-committed revenue pipeline
Gross profit / gross profit margin

EURm, % of revenues, gross profit including acquisition-related and share based compensation costs

1) Gross profit margin excluding acquisition-related and share based compensation costs

- Gross profit margin performance due to product mix, full utilization, certain negative yield effects
- Gross profit margin including acquisition-related amortization 2016: 52.4%, Q4 2016: 49.2%
R&D expenses
EURm, % of revenues

- R&D investments continuing on high level to support multi-year pipeline, also reflects acquisitions
- Q4 comparison includes base effect from acquisitions
SG&A expenses
EURm, % of revenues

- SG&A expenses include selective sales/marketing investments, reflect acquisitions
- Successful SG&A expense management through 2016
Result from operations (EBIT)
EURm, % of revenues, EBIT excluding acquisition-related and share based compensation costs

1) EBIT margin excluding acquisition-related and share based compensation costs

- EBIT includes effect from divestiture of wireless business (EUR 30.2m)
- EBIT (EBIT margin) reported: 2016 EUR 93.3m (17.0%), Q4 2016 EUR 7.1m (5.3%)
Net financial result
EURm

- 2016 financial result swing mainly driven by exchange rate volatility and revaluation effects
Tax expense
EURm, tax rate: % of result before tax (PBT)

- Negative tax expense 2016 driven by unwinding of historic tax structure and historic tax losses
- Cash tax rate expected to increase gradually
Net income / earnings per share
EURm, earnings per share (EPS) in CHF and EUR (basic/diluted)

- 2016 net income decline reflects decrease in operating profitability
- EPS base (basic/diluted) 2016 67,241,926/69,373,197 shares, Q4 2016 66,245,957/67,812,290 shares
FINANCIAL RESULTS

<table>
<thead>
<tr>
<th>P&amp;L</th>
</tr>
</thead>
<tbody>
<tr>
<td>BALANCE SHEET</td>
</tr>
<tr>
<td>CASH FLOW</td>
</tr>
</tbody>
</table>
Working capital

EURm

<table>
<thead>
<tr>
<th>Working capital at year-end</th>
<th>2016</th>
<th>2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade receivables</td>
<td>97.2</td>
<td>88.7</td>
</tr>
<tr>
<td>+ Inventories</td>
<td>92.9</td>
<td>79.8</td>
</tr>
<tr>
<td>- Trade liabilities</td>
<td>68.2</td>
<td>58.6</td>
</tr>
<tr>
<td>Working capital in % of revenues</td>
<td>121.8</td>
<td>109.9</td>
</tr>
<tr>
<td></td>
<td>22%</td>
<td>18%</td>
</tr>
</tbody>
</table>

- Solid working capital management against lower revenues
- Increase in inventories and receivables due to capacity expansion (higher WIP) and higher DSO
Net cash, cash and short term investments
EURm, % of total liabilities

**Equity ratio**

- Net debt position widened 2016 due to acquisitions and investments into equipment
- Increase in cash and cash equivalents reflects issuance of promissory note
FINANCIAL RESULTS
Cash flow from operations

EURm, % of revenues

- Slower cash generation driven by lower profitability and results
- Level of cash flow similar to EBIT margins
Capital expenditures
EURm, % of revenues - Acquisition of intangibles, property, plant and equipment

Capital expenditures as % of revenues

- 2016 capital expenditures driven by investments into equipment to support expected growth
- Q4 2016 spending includes specialty equipment for next generation light sensors
Dividend policy and proposal

**Dividend policy**
- Distribution of 25% of net earnings

**Dividend proposal for 2016**
- EUR 0.30 per share outstanding (2015: EUR 0.51)

**Dividend timetable**
- AGM 9 June 2017
- Payment date 16 June 2017
Company highlights and outlook
## Outlook

| Mid-term goals reconfirmed | • 30% revenue growth CAGR for next three years  
<table>
<thead>
<tr>
<th></th>
<th>• 30% EBIT margin (adjusted) from 2019 onwards</th>
</tr>
</thead>
</table>
| 2017 outlook              | • Strong revenue growth potential including expected growth from ams’ existing businesses as well as from Heptagon business  
|                           | • Based on currently available forecasts, full earn-out for Heptagon transaction expected to be realized relating to fully consolidated 2017 revenues of the Heptagon business of around USD 300m |
| Q1 2017 outlook           | • Expected revenue of EUR 141-148 million including consolidation of Heptagon business, based on USD/EUR of 1.07  
|                           | • Expected adjusted operating (EBIT) margin around break even due to consolidation effects from known negative operating profitability of Heptagon (excl. acquisition-related and share-based compensation costs)  
|                           | • Expected flattish revenue development excluding Heptagon business, better than typical first quarter seasonality  
|                           | • Expected adjusted EBIT margin excluding Heptagon business comparable to Q4 2016 |
ams highlights

- Global leadership in sensor solutions
- Focus on growth and emerging markets
- Innovation driver in next generation sensing
- Growth partnerships with leading OEMs
- Scalable manufacturing
- Strong model for revenue and earnings growth
ams

Sensing is life.
End markets – Consumer & Communications

Sensor solutions and sensor interfaces

Mobile device optical sensor applications

- Clear #1 in mobile optical sensing
- Display management (color ALS, proximity)
- True Color ambient light identification and display optimization
- 3D sensing opportunities
- New spectral sensing-based applications

Mobile device audio sensing

- High quality ANC (Active Noise Cancellation) expected to move “into the box”
- Audio sensor fusion potential for other sensor modalities

Health data acquisition

- Focus on quality data for wearables and new device types
- Spectral sensing enables high value features

Environmental sensing

- Roadmap for emerging gas sensing applications
End markets – Industrial
Sensor solutions and sensor interfaces

**Industrial automation, control, and sensing**
- Motion control, drives and electrical motors
- Industrial sensors including time-based sensors
- Integrated magnetic position encoders

**Building automation, infrastructure and lighting**
- HVAC, safety, sensor networking and bus systems
- Highest accuracy gas and water flow metering
- Smart LED lighting (lighting management, daylight harvesting)

**High-performance CMOS image sensing**
- Leading position in high-end imaging
- Global shutter technology for high speed, frame rate, dynamic range
- Upcoming Industrial IoT opportunities include spectral sensing fusion

**Environmental sensing**
- CMOS monolithic relative humidity, pressure, temperature sensors
- Emerging spectral sensing (machinery, agriculture)
End markets – Medical
Sensor solutions, sensors and sensor interfaces

Medical imaging: Leader in lowest noise sensing
- Computed tomography (CT)
- Digital X-ray
- Mammography

Medical endoscopy applications
- NanEye <1mm² camera modules for endoscope tips
- Growth traction given significantly higher image quality and robustness for improved diagnostics

Personal health devices
- Heart rate monitors
- Diabetes management

Spectral sensing applications
- Potential combination with NanEye modules for in-body diagnostics
Position sensing
- Pedal and throttle position
- Transmission (clutch, gear shift)
- Steering wheel angle and torque
- Brushless motor control applications

Safety, ADAS
- Advanced driver assistance/object detection LIDAR systems
- Next generation LIDAR supporting autonomous driving road map
- ESP (Electronic Stability Program), battery management

Environmental sensing
- Air quality sensing
- Relative humidity and temperature sensing

Automotive lighting
- New lighting applications (advanced cabin lighting)

End markets – Automotive
Sensor solutions, sensors and sensor interfaces
# Profit and loss statement

**EURm**

<table>
<thead>
<tr>
<th>(IFRS)</th>
<th>2016</th>
<th>2015</th>
<th>Q4 2016</th>
<th>Q4 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total revenues</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Products</td>
<td>495.4</td>
<td>579.0</td>
<td>115.7</td>
<td>136.2</td>
</tr>
<tr>
<td>• Foundry</td>
<td>54.5</td>
<td>44.1</td>
<td>17.9</td>
<td>11.0</td>
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<tr>
<td><strong>Gross profit</strong></td>
<td>288.1</td>
<td>339.2</td>
<td>65.8</td>
<td>80.4</td>
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<tr>
<td>• Gross margin (adjusted 1)</td>
<td>55.1%</td>
<td>56.2%</td>
<td>51.9%</td>
<td>56.8%</td>
</tr>
<tr>
<td>• Gross margin (IFRS reported)</td>
<td>52.4%</td>
<td>54.4%</td>
<td>49.2%</td>
<td>54.6%</td>
</tr>
<tr>
<td><strong>Research and development</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Selling, general and administrative</td>
<td>-96.4</td>
<td>-93.5</td>
<td>-24.4</td>
<td>-21.4</td>
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<tr>
<td>Other operating income/expenses</td>
<td>40.1</td>
<td>9.3</td>
<td>2.6</td>
<td>1.9</td>
</tr>
<tr>
<td><strong>Result from operations (EBIT)</strong></td>
<td>93.3</td>
<td>147.3</td>
<td>7.1</td>
<td>29.3</td>
</tr>
<tr>
<td>• EBIT margin (adjusted 1)</td>
<td>17.7%</td>
<td>26.6%</td>
<td>12.3%</td>
<td>23.8%</td>
</tr>
<tr>
<td>• EBIT margin (IFRS reported)</td>
<td>17.0%</td>
<td>23.6%</td>
<td>5.3%</td>
<td>19.9%</td>
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<tr>
<td><strong>Net financing costs</strong></td>
<td>4.0</td>
<td>11.7</td>
<td>6.8</td>
<td>3.0</td>
</tr>
<tr>
<td><strong>Result before tax</strong></td>
<td>97.2</td>
<td>158.9</td>
<td>13.9</td>
<td>32.3</td>
</tr>
<tr>
<td><strong>Income tax result</strong></td>
<td>5.7</td>
<td>-10.3</td>
<td>-0.2</td>
<td>-1.7</td>
</tr>
<tr>
<td><strong>Net result</strong></td>
<td>102.9</td>
<td>148.7</td>
<td>13.7</td>
<td>30.6</td>
</tr>
</tbody>
</table>

1) excl. acquisition-related and share-based compensation costs
## Balance sheet

**EURm**

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash and short term invest.</td>
<td>215.8</td>
<td>143.9</td>
<td>Interest-bearing debt</td>
<td>108.0</td>
<td>75.0</td>
</tr>
<tr>
<td>Trade receivables</td>
<td>97.2</td>
<td>88.7</td>
<td>Trade liabilities</td>
<td>68.2</td>
<td>58.6</td>
</tr>
<tr>
<td>Inventories</td>
<td>92.9</td>
<td>79.8</td>
<td>Tax liabilities</td>
<td>36.8</td>
<td>46.3</td>
</tr>
<tr>
<td>Other current assets</td>
<td>33.4</td>
<td>28.7</td>
<td>Provisions</td>
<td>20.1</td>
<td>34.7</td>
</tr>
<tr>
<td><strong>Total current assets</strong></td>
<td>439.3</td>
<td>341.0</td>
<td>Other liabilities</td>
<td>31.4</td>
<td>31.0</td>
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<td>Fixed assets</td>
<td>319.3</td>
<td>256.6</td>
<td><strong>Total current liabilities</strong></td>
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<td>245.6</td>
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<td>Intangible assets</td>
<td>603.4</td>
<td>582.0</td>
<td>Interest-bearing debt</td>
<td>364.1</td>
<td>200.2</td>
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<td>Investments in associates</td>
<td>2.3</td>
<td>1.9</td>
<td>Employee benefits</td>
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<td>32.4</td>
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<tr>
<td>Deferred tax asset</td>
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<td>34.8</td>
<td>Provisions</td>
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<td>0.0</td>
</tr>
<tr>
<td>Other non-current assets</td>
<td>23.4</td>
<td>7.0</td>
<td>Deferred tax liabilities</td>
<td>54.0</td>
<td>57.9</td>
</tr>
<tr>
<td><strong>Total non-current assets</strong></td>
<td>983.7</td>
<td>882.3</td>
<td>Other liabilities</td>
<td>36.0</td>
<td>6.0</td>
</tr>
<tr>
<td><strong>Total assets</strong></td>
<td>1,423.0</td>
<td>1,223.4</td>
<td><strong>Total non-current liabilities</strong></td>
<td>490.9</td>
<td>296.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Shareholders’ equity</td>
<td>667.6</td>
<td>681.2</td>
</tr>
<tr>
<td><strong>Total liabil. and equity</strong></td>
<td>1,423.0</td>
<td>1,223.4</td>
<td><strong>Total liabil. and equity</strong></td>
<td>1,423.0</td>
<td>1,223.4</td>
</tr>
</tbody>
</table>
## Cash flow statement

**EURm**

<table>
<thead>
<tr>
<th>(IAS)</th>
<th>2016</th>
<th>2015</th>
<th>Q4 2016</th>
<th>Q4 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Income before tax</td>
<td>97.2</td>
<td>158.9</td>
<td>13.9</td>
<td>32.3</td>
</tr>
<tr>
<td>Depreciation</td>
<td>62.3</td>
<td>47.9</td>
<td>16.0</td>
<td>12.9</td>
</tr>
<tr>
<td>Cash flow from operations</td>
<td>82.3</td>
<td>155.6</td>
<td>22.3</td>
<td>47.1</td>
</tr>
<tr>
<td>Capital expenditures</td>
<td>-91.7</td>
<td>-80.1</td>
<td>-22.5</td>
<td>-16.3</td>
</tr>
<tr>
<td>Cash flow from investing activities</td>
<td>-71.0</td>
<td>-287.2</td>
<td>-24.1</td>
<td>-211.9</td>
</tr>
<tr>
<td>Proceeds from borrowings</td>
<td>277.2</td>
<td>220.3</td>
<td>20.0</td>
<td>155.2</td>
</tr>
<tr>
<td>Repayment of borrowings</td>
<td>-85.0</td>
<td>-149.6</td>
<td>0.2</td>
<td>-44.9</td>
</tr>
<tr>
<td>Dividends paid</td>
<td>-34.6</td>
<td>-22.8</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Changes resulting from capital increase</td>
<td>0.0</td>
<td>0.8</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Cash flow from financing activities</td>
<td>58.6</td>
<td>21.7</td>
<td>8.8</td>
<td>99.9</td>
</tr>
<tr>
<td>Change in cash and cash equivalents</td>
<td>76.0</td>
<td>-100.1</td>
<td>16.3</td>
<td>-62.7</td>
</tr>
<tr>
<td>(incl. effects of changes in foreign exchange rates)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash and cash equivalents at end of period</td>
<td>179.6</td>
<td>103.6</td>
<td>179.6</td>
<td>103.6</td>
</tr>
</tbody>
</table>