

# Annual Report 2015

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Report by the Board of Directors  
and Financial Statements

**Bittium**



# Report by the Board of Directors 2015

In this Report by the Board of Directors reported continuing operations include previously reported Wireless business and corporate functions, and the Automotive business, sold on July 1, 2015, is reported as discontinuing operations. Cash flow includes both continuing and discontinuing operations.

Changing the name from Elektrobit Corporation to Bittium Corporation came into force on July 1, 2015. In this Report by the Board of Directors the name Bittium is also used in the events before the change of the company name.

## Year 2015 in brief

### Net sales of 2015 grew and operating profit improved from the previous year

Bittium's net sales during January-December 2015 grew by 7.8 percent year-on-year to EUR 56.8 million (EUR 52.7 million, in 2014). The growth in net sales was mainly driven by the deliveries of special terminal products and related R&D services, as well as other products for authorities use.

The share of the product-based net sales was EUR 13.1 million (EUR 14.1 million, in 2014), which resulted mainly from the product deliveries of the tactical communication system to the Finnish Defence Forces and from a similar but small pilot system delivery for a customer abroad, as well as from the deliveries of other terminal products for the authority use. The decrease in the product-based net sales was caused by the decrease in the amount of product deliveries to the Finnish Defence Forces compared to the previous year.

Operating profit from continuing operations was EUR 2.3 million (EUR 0.8 million, in 2014, including the non-recurring income of EUR 1.1 million resulting from the reorganization cases of the TerreStar Companies, EUR 0.6 million non-recurring costs resulting from Wireless Business Segment's personnel layoffs and from the acquisition costs of Safemove business). The operating profit includes EUR 0.4 million costs related to the change

of the company name. The improvement in the operating result was due to the growth in the net sales and slightly higher gross margin than usually.

### Significant events during the reporting period

A total of 1,351,686 new shares in Bittium Corporation were subscribed between December 15, 2014 and November 30, 2015 by virtue of the option rights 2008B and 2008C. The share subscription price, EUR 823,438.10 was recorded in the company's invested non-restricted equity fund. The corresponding increases in the number of the company's shares were entered into the Finnish Trade Register on February 6, April 14, June 24, September 1, October 29, and December 11, 2015. Shareholder rights by virtue of the new shares commenced as of the abovementioned registration entry dates. Trading with the newly registered shares started on February 9, April 15, June 25, September 2, October 30 and December 14 as an additional lot of Bittium Corporation's shares in Nasdaq Helsinki Ltd. On December 31, 2015, after the registration of the new shares, and cancellation of the shares acquired through the voluntary public tender offer, the number of shares in Bittium Corporation's was totaled to 35,600,168.

On January 2 a subsidiary of Bittium Corporation acquired 100 per cent of the shares of Birdstep Technology Oy, which was a fully owned Finnish subsidiary of Birdstep Technology ASA, based in Norway. The acquired

company's Safemove business provides its customers high quality information security solutions for mobile devices and portable computers. The acquisition strengthened the competitiveness of Bittium as a provider of secure communication solutions for defense, safety and other authorities markets. Birdstep Technology Oy's (currently Bittium Safemove Ltd) net sales was EUR 2.5 million in 2013 and EUR 2.9 million in 2014. At the time of the acquirement, the company employed 19 persons located in Espoo, Finland. The debt free cash purchase price was EUR 1.8 million. The acquisition had no significant impact on Bittium's balance sheet, net sales and financial position.

The Board of Directors of Bittium Corporation approved on February 18, 2015 a plan for partial demerger of the company and the listing of the new Bittium Corporation as a separate entity at Nasdaq Helsinki. Simultaneously the Board of Directors updated the strategic guidelines and financial targets for the years 2015 -2017. Based on the demerger plan, the assets and liabilities related to then Elektrobit Corporation's Wireless Business Segment would have been transferred to Bittium Corporation, a new entity that would have been listed at Nasdaq Helsinki. The Automotive Business Segment would have remained as a part of the then Elektrobit Corporation, which would have continued its listing at Nasdaq Helsinki. The partial demerger would have been set for an approval by an extraordinary general meeting, which was planned to be held on June 11, 2015. The planned effective date for the demerger

would have been June 30, 2015. The partial demerger process was cancelled on May 19, 2015 as the company announced its plan to sell the Automotive business to Continental AG.

On April 29, a notice was given to the shareholders of Bittium Corporation to an Extraordinary General Meeting that was planned to be held on June 11, 2015.

On May 2, Bittium Corporation announced that its subsidiary Bittium Wireless Ltd and the Ministry of Mexican Communication and Transportation (Secretaría de Comunicaciones y Transportes, SCT) had signed an agreement regarding the development of three types of Android-based L-band mobile devices for the SCT's MEXSAT program. These mobile devices will be based on Bittium's Specialized Device Platform, a customized Android-based platform designed especially for public safety and cyber security markets. The value of this development agreement was approximately USD 21.9 million (approximately EUR 19.5 million as per exchange rate of April 30, 2015). More than half of the contract value is expected to be recognized as revenue during 2016.

On September 14, the Extraordinary General Meeting that was convened to decide upon the voluntary public tender offer, decided also on the election of new members of the Board of Directors. Kirsi Komi, Juha Putkiranta and Seppo Mäkinen were elected as new members of the Board of Directors for a term commencing on November 5, 2015 and continuing until the close of the next Annual General Meeting. The new members of the Board of Directors replaced the previous members of the Board of Directors Jorma Halonen, Juha Hulkko and Seppo Laine, who had notified that they will leave the Board of Directors when the term of the new members commences.

On November 5, Bittium Corporation's new Board of Directors commenced its term that will continue until the close of the next Annual General Meeting. In the assembly meeting on the same day, the Board of Directors elected Erkki Veikkolainen as the Chairman of the Board. Further, the Board of Directors re-

solved to elect Staffan Simberg (Chairman of the committee) and Kirsi Komi as members of the Audit and Financial Committee and to invite to the Audit and Financial Committee the former Chairman of the Board of Directors Seppo Laine as the external advisor of the Board of Directors.

On December 7, Bittium announced to have received a purchase order from the Finnish Defence Forces for the Bittium Tactical Wireless IP Network (TAC WIN) system products, which are meant for tactical communications. The value of the received purchase order was EUR 5.1 million (excl. VAT). The order had no significant impact on Bittium's net sales, operating result or financial standing, and it did not change Bittium's financial outlook for the year 2015, published on November 5, 2015 in the Interim Report January-September 2015.

On December 23, Bittium Technologies Ltd and NCC Rakennus Oy signed a contract to build new facilities for Bittium in Oulu, Finland. The agreement is a design and construct contract in nature and the cost will be approximately EUR 13 million. The new facilities will be ready for use by the end of 2017 and will consist of approximately 8,600 square meters. It will be located at the intersection of Ritaharjantie and Tietolinja in Oulu. The total cost of the project is approximately EUR 15 million including land property and fittings. The project will be financed from the company's existing financing structure as the project moves forward. The company expects to streamline its operations and save costs from 2018 onwards once the project has been completed.

### **The sale of the Automotive business to Continental AG and the related changes**

On May 19, Bittium Corporation announced that it will sell its Automotive business to Continental AG for a purchase price of EUR 600 million. The share purchase agreement was signed on May 18, 2015. The transaction was expected to close in the beginning of July 2015. The transaction comprised the sale of Elektrobot

Automotive GmbH and its subsidiaries, including its 51 percent ownership in e.solutions GmbH, a jointly owned company between Elektrobot Automotive GmbH and Audi Electronics Venture GmbH. Simultaneously the company cancelled the ongoing demerger process, and announced it will continue to carry on its Wireless business within its existing Elektrobot Corporation (currently Bittium Corporation). The company also announced to change its name to Bittium Corporation, as the Elektrobot brand would be included as a part of the transaction. In addition the company updated its outlook for 2015 based on the assumption that the sale of the Automotive business will materialize in the beginning of July. The Extraordinary General Meeting of Bittium Corporation, which was held on June 11, 2015, approved the sale of the Automotive business to Continental AG according to the Board of Director's proposal and recommendation. The Extraordinary General Meeting also resolved to change section 1 of the Company's Articles of Association and the name of the company.

The transaction was closed on July 1, 2015 as the closing conditions of the transaction, such as the approval of Bittium Corporation's Extraordinary General Meeting, receipt of the required authority approvals and other customary closing conditions were fulfilled. The purchase price of the transaction, EUR 600 million, was fully paid in cash upon the closing of the transaction.

As the transaction was closed, the name of the company was changed to Bittium Corporation, Bittium Oyj in Finnish, and the name change was registered in the trade register on July 1, 2015. The company continued to carry on its Wireless business and continued to be listed on Nasdaq Helsinki with its new name. Bittium's new trading code in the stock exchange is BITTI from July 2, 2015 onwards.

On July 1, Bittium updated the outlook for 2015 due to the sale of the Automotive business and the change of the company name. Outlook regarding the net sales and operating result of the continuing operations remained the same as given in the outlook in the stock ex-

change release published on May 19, 2015. It was estimated that the transaction will have a non-recurring positive effect of approximately EUR 530 million on net profit and approximately EUR 575 million non-recurring positive effect on net cash flow of the Bittium group in the year 2015.

On July 1, Bittium updated its strategic guidelines and outlook for 2015 due to the sale of the Automotive business and the change of the company name. Bittium carried on its Wireless business according to the announcements made on February 19, 2015, and according to the strategic guidelines and financial targets for 2015-2017.

On August 6, as a result from the sale of the Automotive business on July 1, 2015, the Board of Directors of Bittium Corporation decided upon nominations and changes in the company's management. Hannu Huttunen, M.Sc. (Econ.) was appointed CEO of Bittium Corporation as of August 7, 2015. The contract of Bittium's then current CEO Jukka Harju terminated on August 6, 2015 by mutual consent, and he did not continue at Bittium after August 2015.

The company also announced, that as of August 7, 2015 the corporate functions and Wireless Business Segment's functions will be merged and the following persons will make the company's new management team: Hannu Huttunen, CEO (chairman); Veli-Pekka Paloranta, CFO; Kari Jokela, CLO; Jari Sankala, Senior Vice President, Sales; Karoliina Fyrstén, Director, Corporate Communications and Marketing, heads of product and services areas: Harri Romppainen, Vice President, Defense; Klaus Mäntysaari, Vice President, Telecom; and Sami Kotkajuuri, Vice President, Connectivity; Jari-Pekka Innanen, Vice President, Engineering and Arto Pietilä, Senior Vice President, Operations.

CFO Veli-Pekka Paloranta decided to move to another company in November 2015 and resigned from Bittium. He continued as Bittium's CFO until November 2015. M.Sc. (Econ.) LL.M. Pekka Kunnari was appointed as CFO of Bittium Corporation as of beginning of November 2015.

It was also decided that the Board of Directors of the Wireless Business Segment will be discontinued, since Bittium focused on one business and there was no need for another board in addition to the Board of Directors of Bittium Corporation.

On August 6, Bittium told that it plans to distribute the net proceeds from the sale of its Automotive business, a maximum of EUR 595 million, to its shareholders in the first instance by repurchasing own shares in a voluntary public tender offer directed to all shareholders of the company. The technical analyses regarding the execution of the possible public tender offer were continued and also other possible ways to carry out the distribution of funds were being evaluated simultaneously, and at that moment there was no certainty which distribution method the Board of Directors will propose to the Extraordinary General Meeting. The planned distribution of funds required preparation of separate interim accounts, after the completion which the Board of Directors was expected to decide on the proposal to the Extraordinary General Meeting regarding the distribution method and the amount of funds to be distributed during the latter half of August 2015.

On August 24, Bittium told that it is planning to repurchase its own shares and stock options for a total purchase price of approximately EUR 595 million in a voluntary public tender offer directed to all shareholders and holders of stock options 2008C of the company. The offer would be made at market price and the consideration offered would be determined as the volume weighted average price of the share based on transactions in Nasdaq Helsinki Ltd over the five days preceding the acceptance of the offer document rounded to the nearest full euro cent. The offer would be made for a maximum of 124,747,351 shares, corresponding approximately to 94.1 per cent of all the shares in the company on the date of the release. The offer would also be made for a maximum of 252,648 stock options. The offer would be executed only for the part of the consideration payable for the shares amounting up to EUR 593,797,392.67 in the aggregate

and for the stock options amounting up to EUR 1,202,607.33 in the aggregate. A shareholder or a holder of stock options had the option to accept the offer for all the shares and/or stock options owned by him/her or for a number of shares and/or stock options of his/her choosing per each book-entry account.

On August 24, the company gave a notice to its shareholders to an Extraordinary General Meeting on the repurchase of the company's own shares and stock options 2008C entitling to shares by means of a voluntary public tender offer made to all shareholders and holders of stock options 2008C. As part of the arrangement to distribute the net proceeds from the sale of its Automotive business to its shareholders, Bittium Corporation also prepared its interim financial statements from the period of January 1 - July 1, 2015.

The Extraordinary General Meeting of Bittium Corporation, held on September 14, 2015, decided in accordance with the proposal of the Board of Directors that the company repurchases its own shares and stock options 2008C entitling to shares by means of a voluntary public tender offer made to all shareholders and holders of stock options.

On September 22, the company announced that its public tender offer for own shares and stock options will commence on September 25, 2015 and expire on October 16, 2015. The offer price for a share was EUR 5.06 and for a stock option EUR 4.51. The share offer price was, in accordance with the decision of the company's Extraordinary General Meeting held on September 14, 2015, the volume weighted average price per share based on transactions in the official list of Nasdaq Helsinki Ltd during the five trading days preceding the acceptance of the offer document (between September 15 - September 21, 2015), rounded to the nearest full euro cent. The offer document, accepted by the Finnish Financial Supervisory Authority, was available from September 23, 2015 onwards on the company's internet pages.

On October 19, 2015 Bittium announced that according to the preliminary result of the offer, the shares tendered in the offer represented approximately 73.2 percent of all the shares and votes in the company. In addition, according to the preliminary result of the offer, approximately 62.0 percent of all the stock options in the company had been tendered in the offer.

On October 21, the company announced that according to the final result of the offer, 97,244,662 shares were tendered in the offer, representing approximately 73.2 percent of all the shares and votes in the company. In addition, 166,694 stock options were tendered in the offer, representing approximately 62.0 percent of all the stock options in the company. As a result of completing the offer the cash balance and equity of the company will decrease by approximately EUR 493 million. Completing the offer did not have effect on the guidance for result of operations concerning the year 2015 previously published by the company.

On October 22, the company announced to have received a flagging announcement pursuant to chapter 9, section 5 of the Finnish Securities Market Act, according to which the holdings of Kai Hildén in Bittium will decrease below the threshold of 5 percent of the voting rights and total number of shares of the company.

On October 22, the company announced to have received a flagging announcement pursuant to chapter 9, section 5 of the Finnish Securities Market Act, according to which the holdings of Eero Halonen in Bittium will decrease below the threshold of 5 percent of the voting rights and total number of shares of the company.

On October 22, the company announced to have received a flagging announcement pursuant to chapter 9, section 5 of the Finnish

Securities Market Act, according to which the holdings of Erkki Veikkolainen in Bittium will decrease below the threshold of 5 percent of the voting rights and total number of shares of the company.

On October 22, the company announced to have received a flagging announcement pursuant to chapter 9, section 5 of the Finnish Securities Market Act, according to which the holdings of Juha Hulkko in Bittium will decrease below the threshold of 5 percent of the voting rights and total number of shares of the company.

On October 27, the company announced to have cancelled its own shares and stock options 2008C as a result of the completion of a voluntary public tender offer for the company's own shares and stock options. In accordance with the terms and conditions of the offer, the shares and stock options transferred in the offer became null and void as part of the settlement of the completion trades of the offer. As a result of the shares and stock options becoming null and void, the number of company's remaining shares was 35,578,835, and the number of company's all remaining stock options was 102,300. Settlement of 5,467 shares to be transferred in the offer was not completed within the same timetable as the settlement of the other shares transferred, and such shares had not yet become null and void.

On October 28, the company announced that as the voluntary public tender offer for its own shares and stock options 2008C, decided by the Extraordinary General Meeting of the company on September 14, 2015, resulted in changes in the ownership of the company, the company published the changes with regards to its ten largest shareholders resulting from completing the offer.

On October 28, the company announced to have received a flagging announcement pursuant to chapter 9, section 5 of the Finnish

Securities Market Act, according to which the holdings of Jukka Harju in Bittium will decrease below the threshold of 5 percent of the voting rights and total number of shares of the company.

On November 4, the company announced to have cancelled 5,467 of its own shares transferred in the offer, that didn't become null and void on October 27, 2015 in connection with the completion of the offer. After these shares became null and void, the number of company's remaining shares was 35,598,368, and as of November 4, the number of company's all remaining stock options was 102,300.

## Financial performance in January-December 2015

<b>CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME, MEUR</b>	<b>1-12/2015 12 months</b>	<b>1-12/2014 12 months</b>
<b>Continuing operations</b>		
Net sales	56.8	52.7
Operating profit / loss	2.3	0.8
Financial income and expenses	-0.2	-0.2
Result before tax	2.1	0.6
<b>Result for the period from continuing operations</b>	<b>2.3</b>	<b>1.3</b>
<b>Result for the period from discontinuing operations</b>	<b>539.0</b>	<b>11.2</b>
<b>Result for the period</b>	<b>541.3</b>	<b>12.5</b>
<b>Total comprehensive income for the period</b>	<b>541.5</b>	<b>12.9</b>
Result for the period attributable to:		
Equity holders of the parent	541.3	12.5
Total comprehensive income for the period attributable to:		
Equity holders of the parent	541.5	12.9
Earnings per share from continuing operations, EUR	0.020	0.010

- Cash flow from operating activities was EUR 2.1 million (EUR 10.5 million, in 2014). The cash flow includes the operating cash flow of the Automotive business until June 30, 2015.
- Net cash flow was EUR 79.5 million (EUR 0.3 million, in 2014). Net cash flow includes the dividend payment of EUR 5.3 million in April, the cash flow of the Automotive business until June 30, 2015, and the cash flows related to the sale of the Automotive business and cancelled demerger process, as well as cash flows resulting from the voluntary public tender offer for the company's own shares and stock options and from the costs resulting from the process.
- Equity ratio was 90.5 percent (62.3 percent, December 31, 2014).
- Net gearing was -88.2 percent (-37.4 percent, December 31, 2014).
- The key figures January–December 2015 mentioned above are essentially affected by the sale of the Automotive business and thereof received net proceeds.

## Quarterly figures

**GROUP'S NET SALES AND OPERATING RESULT, CONTINUING OPERATIONS, MEUR**

	4Q 15	3Q 15	2Q 15	1Q 15	4Q 14
Net sales	15.2	11.1	15.3	15.1	16.1
Operating profit (loss)	0.8	0.0	1.0	0.5	1.8
Operating profit (loss) without non-recurring costs	0.8	0.0	1.0	0.5	2.4
Result before taxes	0.9	0.1	0.8	0.4	1.6
Result for the period	1.1	0.1	0.8	0.4	2.4

**Non-recurring items**

Non-recurring items are exceptional gains and losses that are not related to normal business operations and occur only seldom. These items include capital gains or losses, significant changes in asset values such as write-downs or reversals of write-downs, significant restructuring costs, or other items that the management considers to be non-recurring. When evaluating a non-recurring item, the euro translation value of the item is considered, and in case of a change in an asset value, it is measured against the total value of the asset.

**In 2014 the following non-recurring items were included:**

- Non-recurring income of approximately EUR 1.1 million in the Wireless Business Segment resulting from the reorganization cases of TerreStar companies during the third quarter of 2014; and
- A total of EUR 0.6 million of non-recurring costs resulting from the Wireless Business Segment's personnel layoffs and from the acquisition costs of Safemove during the last quarter of 2014.

**DISTRIBUTION OF NET SALES BY MARKET AREAS, MEUR AND %**

	4Q 15	3Q 15	2Q 15	1Q 15	4Q 14
Asia	0.0 0.0 %	0.1 0.6 %	0.1 0.6 %	0.0 0.2 %	0.2 1.5 %
Americas	2.9 19.2 %	1.0 9.1 %	2.2 14.6 %	2.1 14.2 %	0.6 3.5 %
Europe	12.3 80.7 %	10.1 90.4 %	13.0 84.9 %	13.0 85.6 %	15.3 94.9 %



## Research and development

Bittium continued its R&D investments in products and product platforms mainly for the defense and public safety markets. R&D investments mainly focused on developing the Bittium Tough Mobile, a high security level LTE smartphone, targeted mainly for the demanding mobile security and public safety use. A significant part of these capitalized R&D investments is related to the development of the Bittium Tough Mobile product.

### R&D INVESTMENTS, MEUR

	<b>1-12/2015</b>	<b>1-12/2014</b>
	<b>12 months</b>	<b>12 months</b>
Total R&D investments	7.3	6.9
Capitalized R&D investments	-3.4	-2.1
Depreciations of R&D investments	0.2	0.1
Cost impact on income statement	4.2	4.9
R&D investments, % of net sales	12,9 %	13,0 %

### CAPITALIZED R&D INVESTMENTS IN BALANCE SHEET, MEUR

	<b>1-12/2015</b>	<b>1-12/2014</b>
	<b>12 months</b>	<b>12 months</b>
Balance sheet value in the beginning of the period	2.2	0.3
Additions during the period	3.4	2.1
Acquisitions of the business	0.3	
Depreciations of R&D investments	-0.2	-0.1
Balance sheet value at the end of the period	5.6	2.2

## The development of business operations in 2015

In January Bittium strengthened the competitiveness as a provider of secure communication solutions for defense, safety and other authorities markets by acquiring the Safemove business from Birdstep Technology ASA, based in Norway. The acquired Birdstep Technology Oy provides its customers with high quality information security solutions for mobile devices and portable computers. Bittium's product portfolio expanded from the existing information secure device solutions with the protection of data communications. Safemove software can be utilized in several Bittium's products and product platforms, such as in Bittium Tough Mobile secure smartphone and in Bittium's Secure IoT solutions and services as well as in defense products. The debt free cash purchase price was EUR 1.8 million. The acquisition has no significant impact on Bittium's balance sheet, net sales and financial position. The company is reported as part of Bittium from January 1, 2015 onwards.

In February Bittium announced to have integrated an information security solution to its Bittium IoT Device Platform that enables secure connectivity from the IoT device to the customer's cloud services. The Bittium IoT Device Platform is a compact and powerful platform, which enables development of different kind of products that have wireless connectivity and various sensors for the Wearable, Healthcare, Machine-to-Machine communication and Industrial Internet markets. The integrated security software protects the IoT devices from network attacks and secures connections between the devices and services.

Bittium aims at bringing its products to the global defense and other authority markets and continued its sales and marketing efforts and R&D investments into these markets. During the first quarter Bittium participated in several exhibitions showcasing its tactical communication products and solutions, secure Bittium Tough Mobile LTE smartphone, Bittium IoT Device Platform and Bittium Safemove software. These trade fairs were IDEX 2015 in Abu Dhabi, United Arab Emirates, Mobile World Congress 2015 in Barcelona, Spain,

UK Health Week 2015 in London, CeBIT 2015 in Hannover, Germany, and Mobile Government Summit 2015 conference in London, England.

The development of Bittium Tough Mobile that is targeted for cyber security and other demanding use of public safety authorities was continued during the first quarter. The product is planned to be ready for deliveries to customers during the second half of this year.

The demand for Bittium's R&D services for mobile infrastructure customers continued as stable during the second quarter of the year. The demand was driven by the use of LTE technology and the need to develop low power and micro base stations. Also the demand for Bittium's R&D services in IoT (Internet of Things) markets remained as stable.

In April, subsidiary of Bittium Corporation and Ministry of Mexican Communication and Transportation (Secretaria de Comunicaciones y Transportes, SCT) have signed an agreement regarding the development of three types of android-based L-band mobile devices for their Mexsat program. The value of this development agreement is approximately USD 21.9 million (approximately EUR 19.5 million as per exchange rate of April 30, 2015). The development work of the products was started during the second quarter of the year which also increased the net sales of the quarter.

In the third quarter the R&D phase of Bittium Tough Mobile at the final stage and the first product deliveries will be made already during this year. The authorities markets are slowly developing markets by their nature and the sales of Bittium Tough Mobile is expected to develop steady along the market development pace.

The demand for Bittium's R&D services for mobile infrastructure customers continued stable during the third quarter of the year. The demand was driven by the use of LTE technology and the need to develop low power and micro base stations.

Bittium continued its efforts in bringing its defense market targeted product portfolio to the international defense markets, and delivered the first small pilot delivery of its tactical wireless IP network system for a customer abroad.

The defense market sales cycles are long by its nature and winning significant deals take several years. Also the deliveries of tactical communication products, systems and services to the Finnish Defence Forces continued as well as the good cooperation with the Finnish Defence Forces in developing Bittium tactical communication system.

The development of the mobile devices for Mexican government authority has been started. Due to the failed launch of customer's first satellite, the overall project schedule is expected to be delayed from the original. Over half of the contract revenue is expected to materialize during 2016.

During the third quarter, Bittium participated in the Comprehensive Security exhibition in Tampere, Finland, as well as in the DSEI 2015 exhibition targeted for defense industry in London, UK, where the company presented the products targeted for defense and authorities customers.

In the fourth quarter Bittium launched Bittium Secure Suite device management and encryption software that complements Bittium Tough Mobile smartphone with new software and services. Bittium Secure Suite enables the most effective usage of the device security features, secure remote management, remote attestation and securing the data network connections of the device. Bittium Tough Mobile smartphone together with Bittium Secure Suite form a unique, complete, reliable system for processing and transferring sensitive and classified material and securing critical communication.

In December the Finnish Communications Regulatory Authority granted approval for the Mobile Security and Public Safety targeted Bittium Tough Mobile LTE smartphone and related device management and information security management system to process National classification level IV (ST IV, national restricted) material. Bittium's mobile solution is the first product to receive an official encryption product classification in Finland, which can on top of creating and processing of classified information also transfer material between a smartphone and connected backend solutions.

Towards the end of the year the R&D phase of Bittium Tough Mobile was finalized and the product deliveries started in a form of small pilot orders, mainly for customers abroad. In November Bittium exhibited the phone at the British APCO exhibition in Newcastle, UK, targeted for Public Safety officials. The authorities markets are slowly developing markets by nature and the sales of Bittium Tough Mobile is expected to develop steadily along the market development pace.

The development of the tactical communication system Bittium Tactical Wireless IP Network (TAC WIN) was continued during the fourth quarter and Bittium received from the Finnish Defence Forces a new order for system product deliveries for 2016. During the quarter Bittium also received an order from the Finnish Defence Forces for further development of the TAC WIN waveform to enhance the system with additional features and optimized performance. The Finnish Defence Forces also ordered a productization of the European high data rate radio waveform developed in the ESSOR program to the Bittium TAC WIN system used by the Finnish Defence Forces.

Bittium continued its efforts to bring the defense market targeted product portfolio to the international defense markets, and delivered the first pilot delivery of its Tactical Wireless IP Network system for a customer abroad. The company aims at other similar international openings during the year 2016 as well. Bittium exhibited its tactical communications products at the AUSA (Association of the United States Army) Annual Meeting & Exposition in October in Washington D.C., USA. The sales cycles in the defense markets are long by their nature and winning significant deals takes several years.

The demand for Bittium's R&D services for mobile infrastructure customers continued stable also during the fourth quarter. The demand was driven by the use of LTE technology and the need to develop smaller LTE base stations. The development of the mobile devices for Mexican government authority continued well during the fourth quarter.

## Outlook for 2016

Bittium expects that the net sales in 2016 will grow from the previous year (net sales of EUR 56.8 million, in 2015). The development of the operating result includes currently many uncertainties and therefore the company has now decided not to give guidance on the development of the operating result. These uncertainties include possible non-recurring investments in building long-term growth and significant variations in the operating result between the quarters due to the timing of product deliveries.

More information about Bittium's market outlook is presented in the section "Market outlook" in this Report by the Board of Directors.

More information about other uncertainties regarding the outlook is presented in this Report by the Board of Directors, in the section "Risks and uncertainties" and on the company's internet pages at [www.bittium.com](http://www.bittium.com).

## Market outlook

Bittium's customers operate in various industries, each of them having their own industry specific factors driving the demand. A common factor creating demand among the whole customer base is the growing need for higher speed, higher quality and secure data transfer. Due to the technology competence accrued over time and long history in developing mobile communication solutions, Bittium is in a good position to offer customized solutions for its customers.

The following factors are expected to create demand for Bittium's products and services in 2016 and beyond:

- In the mobile infrastructure equipment market the implementation of LTE technology continues to create demand for services in the LTE base station development. There is a wide range of frequencies allocated for LTE globally thus creating the need to develop multiple products to cover the market and creating demand for the R&D services for development of product variants. Also the growing amount of data transfer creates need for smaller base stations for increasing the data transfer capacity of LTE net-

works. The general cost savings of the mobile infrastructure equipment companies is reflected as increasing price competition in the R&D services. Despite of Bittium's R&D services being competitive, the demand is expected to slightly decrease during 2016.

- The trend of using commercial technologies, such as LTE, smartphones and applications, is expected to continue in special verticals, such as public safety and cyber security thus creating demand for Bittium Tough Mobile secure LTE smartphone and customized special terminals based on Bittium's own product platform. The sale of the terminal products is expected to develop moderately according to the nature of authorities markets.
- Secure IoT (Internet of Things) has become a significant development area in many industries. The need for Bittium's IoT services and customized solutions is generated by the increasing need of companies to bring connected devices for demanding industrial or consumer usage, such as various devices, that collect information through the device sensors and connect the device securely to the internet and cloud services.
- In the defense sector's tactical communication market the government's defense forces and other authorities need networks that increasingly moving troops can use for transferring growing amounts of data securely. This creates demand for Bittium's TAC WIN broadband network and other Bittium's IP-based (Internet Protocol) tactical communications solutions. Due to the long sales cycles driven by purchasing programs of national governments, it takes years to receive significant purchase orders. Bittium continues its efforts to bring its defense market targeted products and services also to the international defense markets and aims at pilot deliveries of its tactical communication system for customers abroad during 2016.
- Using public network connections in portable devices is growing also in demanding professional use, such as in the public sector. This creates requirements for network connections to be easy to use and secure. The products in the Bittium Safemove product family enable the ease of use and security of the devices in demanding use.

## Risks and uncertainties

Bittium has identified a number of business, market and finance related risk factors and uncertainties that can affect the level of sales and profits.

### Market risks

In the ongoing financial period, global economic uncertainty may affect the demand for Bittium's services, solutions and products and provide pressure on e.g. pricing. In the short term such uncertainty may affect, in particular, the utilization and chargeability levels and average hourly prices of R&D services.

As Bittium's customer base consists mainly of companies operating in the field of telecommunication and defense and other authorities, the company is exposed to market changes in these industries. A significant part of Bittium's net sales accumulates from selling R&D services to a certain mobile communications equipment manufacturer and from selling products and R&D services to the Finnish Defence Forces. Deviation in anticipated business development with such customer concentrations may translate as a significant deviation in the Bittium's outlook, both in terms of net sales and operating result, during the ongoing financial period and thereafter. Bittium seeks to expand its customer base on a longer term and reduce dependence on individual companies and hence the company will thereby be mainly affected by the general business climate in these industries. The more specific market outlook has been presented in this Report by the Board of Directors in "Market outlook" section.

### Business related risks

Bittium's operative business risks are mainly related to following items: uncertainties and short visibility on customers' product program decisions, their make or buy decisions and on the other hand, their decisions to continue, downsize or terminate current product programs, execution and management of large customer projects, ramping up and down project resources, availability of personnel in labor markets, accessibility on commer-

cially acceptable terms and on the other hand successful utilization of the most important technologies and components, competitive situation and potential delays in the markets, timely closing of customer and supplier contracts with reasonable commercial terms, delays in R&D projects, realization of expected return on capitalized R&D investments, obsolescence of inventories and technology risks in product development causing higher than planned R&D costs. Revenues expected to come from either existing or new products and customers include normal timing risks. Bittium has certain significant customer projects and deviation in their expected continuation could result also significant deviations in the company's outlook. In addition there are typical industry warranty and liability risks involved in selling Bittium's services, solutions and products.

Bittium's product delivery business model faces such risks as high dependency on actual product volumes, timing risks and potential delays in the markets. The above-mentioned risks may manifest themselves as lower amounts of products delivered or higher costs of production, and ultimately, as lower profit. Bringing Bittium's products to international defense and other authorities markets may take longer than anticipated because the projects are typically long and the purchasing programs are prepared in the lead of national governments and within the available financing. Once a supplier has been selected, product deliveries are typically executed over several years.

Some of Bittium's businesses operate in industries that are heavily reliant on patent protection and therefore face risks related to management of intellectual property rights, on the one hand related to accessibility on commercially acceptable terms of certain technologies in the Bittium's products and services, and on the other hand related to an ability to protect technologies that Bittium develops or licenses from others from claims that third parties' intellectual property rights are infringed. Additionally, parties outside of the industries operate actively in order to protect and commercialize their patents and therefore in their part increase the

risks related to the management of intellectual property rights. At worst, claims that third parties' intellectual property rights are infringed, could lead to substantial liabilities for damages. In addition, the progress of the customer projects and delivery capability may be also affected by potential challenges in global accessibility of key technologies and components on commercially acceptable terms, as well as by the acceptance of the necessary export licenses. The company changed its name to Bittium Corporation as of July 1, 2015 and started using the new trademark. The registration and the use of the new trademark can include customary risks involved in taking in use a new trademark.

### Financing risks

Global economic uncertainty may lead to payment delays, increase the risk for credit losses and weaken the availability and terms of financing. To fund its operations, Bittium relies mainly on income from its operative business and may from time to time seek additional financing from selected financial institutions. Currently Bittium has a committed overdraft credit facility agreement of EUR 10.0 million with Nordea Bank Finland Plc and a committed overdraft credit facility agreement of EUR 10.0 million with Pohjola Bank Plc. These agreements meant for general financing needs are valid until June 30, 2017. These agreements include customary covenants related to, among other things, equity ratio, transferring property and pledging. There is no assurance that additional financing will not be needed in case of clearly weaker than expected development of Bittium's businesses. Customer dependency in some parts of Bittium's business may translate as an accumulation of risk with respect to outstanding receivables and ultimately with respect to credit losses

### Events after the review period

The company does not have any significant events after the review period.

## Statement of financial position and financing

The figures presented in the statement of financial position of December 31, 2015, are compared with the statement of the financial position of December 31, 2014 (MEUR).

	31.12.2015	31.12.2014
Non-current assets	14.4	48.8
Current assets	145.0	118.0
Total assets	159.4	166.8
Share capital	12.9	12.9
Other capital	124.6	80.5
Total equity	137.6	93.4
Non-current liabilities	2.0	7.6
Current liabilities	19.8	65.8
Total equity and liabilities	159.4	166.8

Cash flow of the review period:	1-12/2015	1-12/2014
+ profit of the period +/- adjustment of accrual basis items	12.2	27.4
+/- change in net working capital	-6.2	-12.1
- interest, taxes and dividends	-3.9	-4.7
= net cash from operating activities	2.1	10.5
- net cash from investing activities	579.6	-9.2
- net cash from financing activities	-502.2	-1.0
= net change in cash and cash equivalents	79.5	0.3

Net cash from operating activities includes operative cash flows generated by the Automotive business during first half of the year. Net cash from investing activities includes cash flows related to the sale of the Automotive business on the third quarter of the year. The net cash flow from financing activities includes the cash flow of EUR -493.5 million resulting from the repurchasing of own shares and stock options in the voluntary public tender offer during fourth quarter. Altogether the proceeds and costs resulting from the sale of the Automotive business have approximately EUR 585.2 million positive effect on the cash flows of the review period.

The amount of gross investments in the period under review was EUR 74 million including EUR 1.8 million investments related to acquisitions. Net investments for the reporting period totaled EUR 7.4 million. The total amount of depreciation during the period under review was EUR 2.5 million. The amount of interest-bearing debt of continuing operations, including finance lease liabilities, was at the end of

the reporting period EUR 1.4 million (EUR 8.3 million on December 31, 2014). Bittium's equity ratio at the end of the period was 90.5 % (62.3 % on December 31, 2014). The high equity ratio is significantly affected by the proceeds generated from the sale of the Automotive business.

Cash and other liquid assets at the end of the reporting period were EUR 122.8 million (EUR 43.3 million on December 31, 2014).

Bittium has a EUR 10 million credit facility agreement with Nordea Bank Finland Plc. and a EUR 10 million credit facility agreement with Pohjola Bank Plc. These agreements are intended for general financing purposes and they are valid until June 30, 2017. These agreements include conventional covenants and covenants related to transfer of assets were breached at the sale of the Automotive business on July 1, 2017. The banks have informed Bittium that they will not use their rights to terminate credit facility agreements related to the sale of the Automotive business. At the end of the review period, EUR 0.0 million of these facilities were in use.

Bittium follows a hedging strategy that objective is to ensure the business margins in changing market circumstances by minimizing the influence of exchange rates. According to hedging strategy principles, the agreed customer commitments' net cash flow in the currency is hedged. The net cash flow is determined on the basis of accounts receivable, accounts payable, order book and budgeted net currency cash flow. The hedged foreign currency exposure was equivalent to EUR 2.5 million at the end of the review period.

## Environmental factors

Bittium's business operations focus mostly on the design, assembly provided by the manufacturing partners and marketing of products. This represents only a minor part of the environmental impacts over the entire life cycle of the products. Products manufactured by the Company have only minor general environmental impacts.

Bittium Corporation has its environmental management system certified according to ISO 14001:2004 standard. The environmental management system has been renewed to cover the requirements of the ISO14001:2015 standard. Company is monitoring globally the environmental requirements for products and derived national regulations to the extent that they are related to the company operations. Bittium has also observed and applied the requirements of the ROHS (use of hazardous substances) and WEEE (recycling of electrical and electronic equipment) directives in design since 2002.

Since 2009, the applied environmental standards and regulations in company operations have been consolidated as uniform Bittium substance list, applicable also to Bittium's significant suppliers. The substance list includes, in addition to the so called ROHS2 and REACH standards, the substance requirements applicable in different market areas against which identification of materials is made if needed. In addition materials declaration list observes certain customer specific requirements.

Company has further updated the requirements on a biannual basis and applied the proper environmental requirements to the products or solutions, in which Bittium has partial or total responsibility depending on the application scope. The imposed requirements will be observed in business operations on a country-specific basis.

During 2015 Bittium has also further developed company environmental reporting, based on which the environmental objectives have been followed. In addition, company has also started the implementation of energy efficiency system according to ETJ+ - standard to be added into certified ISO14001 – system. The implementation of the Energy Efficiency system will be finalized during 2016.

## Personnel

The Bittium group employed an average of 511 people in continuing operations between January and December 2015. At the end of December, the company had 517 employees (474 employees in continuing operations at the end of 2014). A significant part of Bittium's personnel are R&D engineers.

## Incentive systems

### Share related remuneration schemes

#### 2008A-C

The Annual General Meeting decided on March 14, 2008 that there is a weighty financial reason for the Company to issue stock options since the stock options are intended for use as part of the incentive and commitment program for key personnel.

The maximum total number of stock options is 4,200,000, of which 1,400,000 were marked with the symbol 2008A, 1,400,000 with the symbol 2008B, and 1,400,000 with the symbol 2008C. The stock options entitle to subscription of a maximum total of 4,200,000 new shares of the Company or treasury shares.

The subscription price for the shares to be subscribed based on the stock options is based on the prevailing market value of the Bittium Corporation share at Nasdaq Hel-

sinki in January 2009, January 2010 and January 2011. At the end of 2015, 1,292,322 stock options with symbol 2008A, 1,089,000 stock options with symbol 2008B, and 1,385,000 stock options with symbol 2008C were distributed to the key employees of Bittium Corporation.

### Variable pay system

Variable pay will be paid based on the achieved targets. A limited amount of Bittium's employees are participating into Variable Pay (VP) program. The criteria for the short-term merit pay are the financial strategic targets of the Company. In addition, part of the targets may be other company's objectives or personal targets. Personal targets vary between duties.

In 2015 the earning period for the Variable Pay was the calendar year. The targets are determined separately for each earnings period. The setting of targets and the review of their achievement is decided on one-over-one basis.

## Authorizations of the Board of Directors at the end of the reporting period

### Authorizing the Board of Directors to decide on the repurchase of the Company's own shares

The General Meeting held on April 15, 2015 authorized the Board of Directors to decide on the repurchase of the Company's own shares as follows.

The amount of own shares to be repurchased shall not exceed 12,500,000 shares, which corresponds to approximately 9.50 per cent of all of the shares in the company. Only the unrestricted equity of the company can be used to repurchase own shares on the basis of the authorization. Own shares can be repurchased at a price formed in public trading on the date of the repurchase or otherwise at a price formed on the market. The Board of Directors decides how own shares will be repurchased. Own shares can be repurchased using, inter alia, derivatives. Own shares can be repurchased otherwise than in proportion to the shareholdings of the shareholders (directed repurchase).

The authorization cancels the authorization given by the General Meeting on April 10, 2014 to decide on the repurchase of the company's own shares. The authorization is effective until June 30, 2016.

### Authorizing the Board of Directors to decide on the issuance of shares as well as the issuance of special rights entitling to shares

The General meeting held on April 15, 2015 authorized the Board of Directors to decide on the issuance of shares and other special rights entitling to shares referred to in chapter 10 section 1 of the Companies Act as follows.

The amount of shares to be issued shall not exceed 25,000,000 shares, which corresponds to approximately 19.00 per cent of all of the shares in the company. The Board of Directors decides on all the conditions of the issuance of shares and of special rights entitling to shares. The authorization concerns both the issuance of new shares as well as the transfer of treasury shares. The issuance of shares and of special rights entitling to shares may be carried out in deviation from the shareholders' pre-emptive rights (directed issue).

The authorization cancels the authorization given by the General Meeting on April 10, 2014 to decide on the issuance of shares as well as the issuance of other special rights entitling to shares referred to in Chapter 10 Section 1 of the Companies Act. The authorization is effective until June 30, 2016.

### Shares and shareholders

The Shares of Bittium Corporation are quoted on the Nasdaq Helsinki. The company has one series of shares. All shares entitle their holders to dividends of equal value. Each share has one vote. The share does not have a nominal value. The company's shares have been entered into the Euroclear Finland Ltd.'s book-entry securities system.

At the end of the financial period, the fully paid share capital of the company entered into the Finnish Trade Register was EUR 12,941,269.00 and the total number of the shares was 35,600,168. The accounting par value of the

company's share is EUR 0.10. The company does not have its own shares in its possession.

Shareholding and control related information is presented in section 34 of the notes to the Financial Statement.

## Flagging notifications

On October 22, the company announced to have received a flagging announcement pursuant to chapter 9, section 5 of the Finnish Securities Market Act, according to which the holdings of Kai Hilden in Bittium will decrease below the threshold of 5 percent of the voting rights and total number of shares of the company.

On October 22, the company announced to have received a flagging announcement pursuant to chapter 9, section 5 of the Finnish Securities Market Act, according to which the holdings of Eero Halonen in Bittium will decrease below the threshold of 5 percent of the voting rights and total number of shares of the company.

On October 22, the company announced to have received a flagging announcement pursuant to chapter 9, section 5 of the Finnish Securities Market Act, according to which the holdings of Erkki Veikkolainen in Bittium will decrease below the threshold of 5 percent of the voting rights and total number of shares of the company.

On October 22, the company announced to have received a flagging announcement pursuant to chapter 9, section 5 of the Finnish Securities Market Act, according to which the holdings of Juha Hulkko in Bittium will decrease below the threshold of 5 percent of the voting rights and total number of shares of the company.

On October 28, the company announced to have received a flagging announcement pursuant to chapter 9, section 5 of the Finnish Securities Market Act, according to which the holdings of Jukka Harju in Bittium will decrease below the threshold of 5 percent of the voting rights and total number of shares of the company.

## Stock options

The Annual General Meeting of March 14, 2008, decided to issue stock options to Bittium's key personnel. The maximum number of stock options shall be 4,200,000, of which 1,400,000 shall be marked with the symbol 2008A, 1,400,000 shall be marked with the symbol 2008B and 1,400,000 shall be marked with the symbol 2008C. The stock options entitle to subscription of a maximum total of 4,200,000 new shares of the company or treasury shares. The proportion of the shares that can be subscribed using the stock options to be issued will be a maximum total of 3.1 percent of the company's shares and associated voting rights after a possible share subscription, should new shares be issued in the subscription. The subscription price for the shares to be subscribed based on the stock options shall be based on the prevailing market value of the Bittium Corporation share at Nasdaq Helsinki in January 2009, January 2010 and January 2011. The subscription price will be recorded in the fund for invested unrestricted equity. The share subscription period for stock options 2008A is 1 April 2012–31 March 2014, for stock options 2008B 1 April 2013–31 March 2015, and for stock options 2008C 1 April 2014–31 March 2016.

The Board of Directors of Bittium Corporation decided on June 5, 2013 on the transfer of stock options 2008A and 2008B to the Finnish book-entry system and to apply for listing of 1,400,000 stock options 2008A and of 1,400,000 stock options 2008B on the official list of Nasdaq Helsinki. The trading with the stock options started on June 17, 2013. The share subscription period for stock options 2008A will end on March 31, 2014. The share subscription period for stock options 2008B will end on March 31, 2015.

The Board of Directors of Bittium Corporation has decided on the transfer of series 2008C stock options to the Finnish book-entry system on December 20, 2013 and to apply for listing of 1,400,000 stock options 2008C on the official list of Nasdaq Helsinki. Application was made for the listing to commence on April 1, 2014. The share subscription period for series 2008C stock options will commence on April 1, 2014 and will end on March 31, 2016.

A total of 1,351,686 new shares in Bittium Corporation were subscribed between December 15, 2014 and November 30, 2015 by virtue of the option rights 2008B and 2008C. The share subscription price, EUR 823,438.10 was recorded in the company's invested non-restricted equity fund. The corresponding increase in the number of the company's shares were entered into the Finnish Trade Register on February 6, April 14, June 24, September 1, October 29, and December 11, 2015. Shareholder rights by virtue of the new shares commenced as of the abovementioned registration entry date. Trading with the newly registered shares started on February 9, April 15, June 25, September 2, October 30 and December 14 as an additional lot of Bittium Corporation's shares in Nasdaq Helsinki Ltd. On December 31, 2015, after the registration of the new shares, and cancelling the shares acquired through the voluntary public tender offer, the number of shares in Bittium Corporation's totaled to 35,600,168.

More information and terms and conditions of stock options 2008 are available in the Company's web pages at [www.bittium.com/investor\\_relations](http://www.bittium.com/investor_relations).

## Changes in the company's management

On August 6, as a result from the sale of the Automotive business on July 1, 2015, the Board of Directors of Bittium Corporation decided upon nominations and changes in the company's management. Hannu Huttunen, M.Sc. (Econ.) was appointed CEO of Bittium Corporation as of August 7, 2015. The contract of Bittium's then current CEO Jukka Harju terminated on August 6, 2015 by mutual consent, and he did not continue at Bittium after August 2015.

The corporate functions and Wireless Business Segment's functions were also merged and the following persons made the company's new management team as of August 7: Hannu Huttunen, CEO (chairman); Veli-Pekka Paloranta, CFO; Kari Jokela, CLO; Jari Sankala, Senior Vice President, Sales; Karoliina Fyristén, Director, Corporate Communications and Marketing, heads of product and services areas: Harri Romppainen, Vice President, Defense; Klaus Mäntysaari, Vice President, Telecom;

and Sami Kotkajuuri, Vice President, Connectivity; Jari-Pekka Innanen, Vice President, Engineering and Arto Pietilä, Senior Vice President, Operations.

CFO Veli-Pekka Paloranta decided to move to another company in November 2015 and resigned from Bittium. He continued as Bittium's CFO until November 2015. M.Sc. (econ.) LL.M. Pekka Kunnari was appointed as CFO of Bittium Corporation as of beginning of November 2015.

It was also decided that the Board of Directors of the Wireless Business Segment is discontinued, since Bittium focuses on one business and there was no need for another board in addition to the Board of Directors of Bittium Corporation.

## Board of Directors, Board Committees and auditor

The Annual General Meeting held on April 15, 2015 decided that the Board of Directors shall comprise five (5) members. Mr. Jorma Halonen, Mr. Juha Hulkko, Mr. Seppo Laine, Mr. Staffan Simberg and Mr. Erkki Veikkolainen were elected members of the Board of Directors for a term of office expiring at the end of the next Annual General Meeting. At its assembly meeting held on April 15, 2015, the Board of Directors has elected Mr. Seppo Laine Chairman of the Board. Further, the Board has resolved to keep the Audit and Financial Committee with Mr. Staffan Simberg (Chairman of the committee), Mr. Seppo Laine and Mr. Erkki Veikkolainen as committee members.

The Annual General Meeting held on April 15, 2015 re-elected Ernst & Young Ltd, authorized public accountants, as the auditor of the Company for a term of office ending at the end of the next Annual General Meeting. Ernst & Young Ltd has notified that Mr. Juhani Rönkö, authorized public accountant, will act as responsible auditor. It was decided that the remuneration to the auditor shall be paid against the auditor's reasonable invoice.

The Extraordinary General Meeting held on September 14, 2015 decided on the election of new members of the Board of Directors. Kir-

si Komi, Juha Putkiranta and Seppo Mäkinen were elected as new members of the Board of Directors for a term commencing on November 5, 2015 and continuing until the close of the next Annual General Meeting. The new members of the Board of Directors replaced the previous members of the Board of Directors Jorma Halonen, Juha Hulkko and Seppo Laine, who had notified that they will leave the Board of Directors when the term of the new members commences.

On November 5, 2015 Bittium Corporation's new Board of Directors commenced its term that will continue until the close of the next Annual General Meeting. In the assembly meeting on the same day, the Board of Directors elected Erkki Veikkolainen as the Chairman of the Board. Further, the Board of Directors resolved to elect Staffan Simberg (Chairman of the committee) and Kirsi Komi as members of the Audit and Financial Committee and to invite to the Audit and Financial Committee the former Chairman of the Board of Directors Seppo Laine as the external advisor of the Board of Directors.

## Extraordinary General Meeting on June 11, 2015

The Extraordinary General Meeting of Bittium Corporation, held on 11 June 2015, decided to approve the sale of the company's Automotive Business to Continental AG in accordance with the proposal and recommendation of the Board of Bittium. The Transaction comprises the sale of Elektrobot Automotive GmbH and its subsidiaries, including Company's 51 per cent ownership in e.solutions GmbH, a jointly owned company between Elektrobot Automotive GmbH and Audi Electronics Venture GmbH. In addition, it was decided that the rights to the Elektrobot brand would be included as a part of the transaction to Continental. The purchase price for the acquisition is EUR 600 million payable in cash and it was approved to be paid in full upon the closing of the Transaction.

The Extraordinary General Meeting also resolved to change section 1 of Bittium's Articles of Association and the name of the company. The implementation of the change of the name and the Articles of Association was subject to the completion of the sale of

the Automotive Business. Upon the completion of the transaction, the new name of the company will be Bittium Oyj, in English Bittium Corporation.

## Extraordinary General Meeting on September 14, 2015

The Extraordinary General Meeting held on September 14, 2015 decided in accordance with the proposal of the Board of Directors that the Company repurchases its own shares ("Shares") and stock options 2008C ("Stock Options") entitling to Shares by means of a voluntary public tender offer made to all shareholders and holders of Stock Options ("Offer").

Kirsi Komi, Juha Putkiranta and Seppo Mäkinen were elected as new members of the Board of Directors for a term commencing on November 5, 2015 and continuing until the close of the next Annual General Meeting. The new members of the Board of Directors was elected to replace the previous members of the Board of Directors Jorma Halonen, Juha Hulkko and Seppo Laine, who had notified that they will leave the Board of Directors when the term of the new members commences.

The new members of the Board of Directors will be paid remuneration on the basis of the decision of the Annual General Meeting held on April 15, 2015 and in proportion to the remaining term of the current Board of Directors after the commencement of the term of the new members of the Board of Directors.

## Corporate Governance Statement

The Board of Directors has issued the corporate governance statement separate from this report.

## Dividend from 2014

The Annual General Meeting held on April 15, 2015 decided in accordance with the proposal of the Board of Directors to pay EUR 0.04 per share as dividend based on the balance sheet adopted for the financial period January 1, 2014 - December 31, 2014.



## Proposal by the Board of Directors on the use of the profit shown on the balance sheet and the payment of the dividend

According to the parent company's balance sheet at December 31, 2015, the distributable assets of the parent company are EUR 138,114,372.94 of which the profit of the financial year is EUR 545,603,673.88.

The Board of Directors proposes that the Annual General Meeting to be held on April 19, 2016 resolve to pay EUR 0.05 per share as dividend from the profit of the financial period based on the adopted balance sheet for the financial period of January 1, 2015 – December 31, 2015 and EUR 0.25 per share as additional dividend. The dividend will be paid to the shareholders who are registered as shareholders in the company's register of shareholders as maintained by Euroclear Finland Ltd on the dividend record date, April 21, 2016. The Board of Directors proposes that the dividend be paid on April 28, 2016.

There have not been any substantial changes in the company's financial position after the financial year. Company has good liquidity and according to the Board of Directors, the proposed distribution of profits does not danger company's solvency.

In Oulu, February 17, 2016



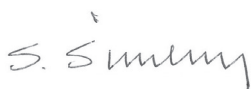
Erkki Veikkolainen  
Chairman of the Board



Kirsi Komi  
Member of the Board



Juha Putkiranta  
Member of the Board



Staffan Simberg  
Member of the Board



Seppo Mäkinen  
Member of the Board



Hannu Huttunen  
CEO

## Auditor's note

Our Auditor's Report has been issued today.

In Oulu, February 17, 2016

Ernst & Young Oy  
Authorized Public Accountant firm



Juhani Rönkkö,  
Authorized Public Accountant

# Consolidated Statement of Comprehensive Income

CONTINUING OPERATIONS	NOTES	2015 1000 EUR	2014 1000 EUR
<b>Net sales</b>	1.3	<b>56 813</b>	<b>52 710</b>
Other operating income	4	1 394	1 616
Work performed by the undertaking for its own purpose and capitalized		166	28
Raw materials		-5 504	-6 831
Personnel expenses	7	-30 265	-28 560
Depreciation	6	-2 512	-2 335
Other operating expenses	5	-17 784	-15 840
<b>Operating profit</b>		<b>2 308</b>	<b>788</b>
Financial income and expenses	9	-196	-178
<b>Profit before tax</b>		<b>2 112</b>	<b>610</b>
Income tax	10	229	657
<b>Profit for the year from continuing operations</b>		<b>2 341</b>	<b>1 267</b>
Profit for the year from discontinued operations	2	538 983	11 248
<b>Profit for the year</b>		<b>541 323</b>	<b>12 515</b>
Other comprehensive income:			
Items that will not be reclassified to statement of income			
Re-measurement gains (losses) on defined benefit plans			-752
Income tax effect			225
Items that may be reclassified subsequently to the statement of income			
Exchange differences on translating foreign operations		144	914
<b>Total comprehensive income for the year</b>		<b>541 467</b>	<b>12 903</b>
<b>Profit for the year attributable to</b>			
Equity holders of the parent		541 323	12 515
<b>Total</b>		<b>541 323</b>	<b>12 515</b>
<b>Total comprehensive income for the year attributable to</b>			
Equity holders of the parent		541 467	12 903
<b>Total</b>		<b>541 467</b>	<b>12 903</b>
<b>EARNINGS PER SHARE FOR PROFIT ATTRIBUTABLE TO THE SHAREHOLDERS OF THE PARENT COMPANY:</b>	11		
<b>Earnings per share from continuing operations, EUR</b>			
Basic earnings per share		0.020	0.010
Diluted earnings per share		0.020	0.010
<b>Earnings per share from discontinued operations, EUR</b>			
Basic earnings per share		4.687	0.086
Diluted earnings per share		4.685	0.085
<b>Earnings per share from continuing and discontinued operations, EUR</b>			
Basic earnings per share		4.708	0.096
Diluted earnings per share		4.706	0.095
Average number of shares, 1000 pcs		114 983	130 975
Average number of shares, diluted, 1000 pcs		115 037	131 663

# Consolidated Statement of Financial Position

	NOTES	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>Assets</b>			
<b>Non-current assets</b>			
Property, plant and equipment	12	4 111	10 717
Goodwill	13	1 440	19 343
Intangible assets	13	7 553	17 001
Other financial assets	15	122	123
Deferred tax assets	16	1 156	1 665
<b>Total</b>		<b>14 382</b>	<b>48 848</b>
<b>Current assets</b>			
Inventories	17	2 190	2 175
Trade and other receivables	18	19 956	72 518
Financial assets at fair value through profit or loss	19	66 100	20 991
Cash and short-term deposits	20	56 751	22 284
<b>Total</b>		<b>144 996</b>	<b>117 969</b>
<b>Total assets</b>		<b>159 378</b>	<b>166 817</b>
<b>Equity and liabilities</b>			
Equity attributable to equity holders of the parent	21		
Share capital		12 941	12 941
Translation differences		1 192	1 513
Invested non-restricted equity fund		25 923	25 103
Retained earnings		97 526	53 850
<b>Total</b>		<b>137 582</b>	<b>93 407</b>
<b>Total equity</b>		<b>137 582</b>	<b>93 407</b>
<b>Non-current liabilities</b>			
Deferred tax liabilities	16	90	549
Pension obligations	23		2 970
Interest-bearing loans and borrowings (non-current)	25	745	3 803
Provisions	24	1 146	245
<b>Total</b>		<b>1 982</b>	<b>7 568</b>
<b>Current liabilities</b>			
Trade and other payables	26	17 948	58 491
Financial liabilities at fair value through profit or loss	26		248
Provisions	24	1 207	2 584
Interest-bearing loans and borrowings (current)	25	658	4 520
<b>Total</b>		<b>19 814</b>	<b>65 843</b>
<b>Total liabilities</b>		<b>21 796</b>	<b>73 410</b>
<b>Total equity and liabilities</b>		<b>159 378</b>	<b>166 817</b>

# Consolidated Statement of Cash Flows

	NOTES	2015 1000 EUR	2014 1000 EUR
<b>Cash flow from operating activities</b>			
<b>Profit for the year from continuing operations</b>		<b>2 341</b>	<b>1 267</b>
<b>Profit for the year from discontinued operations</b>		<b>538 983</b>	<b>11 248</b>
Adjustments			
Effects of non-cash business activities	28	6 419	10 348
Conveyance profits of shares in subsidiaries	28	-538 144	
Finance costs		1 265	1 667
Finance income		-673	-400
Income tax		2 034	3 253
Change in net working capital			
Change in short-term receivables	18	-5 895	-17 658
Change in inventories	17	-284	-1 356
Change in interest-free short-term liabilities	26	-32	6 870
Interest paid on operating activities		-1 588	-1 308
Interest and dividend received from operating activities		918	400
Income taxes paid		-3 237	-3 818
<b>Net cash from operating activities</b>		<b>2 107</b>	<b>10 512</b>
<b>Cash flows from investing activities</b>			
Disposal of business unit, net of cash acquired	2	588 226	
Acquisition of business unit, net of cash acquired	14	-1 801	
Purchase of property, plant and equipment	12	-2 505	-3 597
Purchase of intangible assets	13	-4 349	-5 728
Sale of property, plant and equipment	12	1	119
Sale of intangible assets	13	59	
Proceeds from sale of other investments			5
<b>Net cash from investing activities</b>		<b>579 631</b>	<b>-9 202</b>
<b>Cash flows from financing activities</b>			
Share option plans exercised	22	820	569
Proceeds from borrowing	25	14 592	19 441
Repayment of borrowing	25	-17 544	-16 635
Payment of finance lease liabilities	25	-1 281	-1 771
Dividend paid and capital repayment		-5 290	-2 621
Purchase of own shares		-493 527	
<b>Net cash from financing activities</b>		<b>-502 231</b>	<b>-1 017</b>
<b>Net change in cash and cash equivalents</b>	20	<b>79 508</b>	<b>293</b>
Cash and cash equivalents at Jan. 1		<b>43 275</b>	<b>42 983</b>
<b>Cash and cash equivalents at the end of the year</b>		<b>122 783</b>	<b>43 275</b>

Cash and cash equivalents include liquid and low risk financing securities.

# Consolidated Statement of Changes in Equity

1000 EUR	Equity attributable to equity holders of the parent					Total
	Share capital	Invested non-restricted equity fund	Translation difference	Retained earnings	Non-controlling interests	
<b>Shareholders equity 1.1.2015</b>	<b>12 941</b>	<b>25 103</b>	<b>1 513</b>	<b>53 850</b>	<b>0</b>	<b>93 407</b>
<b>Comprehensive income for the period</b>						
Profit for the period				541 323		541 323
Exchange differences on translating foreign operations			144			144
<b>Total comprehensive income for the period</b>	<b>0</b>	<b>0</b>	<b>144</b>	<b>541 323</b>	<b>0</b>	<b>541 467</b>
<b>Transactions between the shareholders</b>						
Share issue		820				820
Share-related compensation				63		63
Dividend distribution				-5 290		-5 290
Purchase of own shares incl. transaction costs				-493 527		-493 527
<b>Other changes</b>			<b>-465</b>	<b>1 107</b>		<b>642</b>
<b>Shareholders equity 31.12.2015</b>	<b>12 941</b>	<b>25 923</b>	<b>1 192</b>	<b>97 526</b>	<b>0</b>	<b>137 582</b>
<b>Shareholders equity 1.1.2014</b>	<b>12 941</b>	<b>24 533</b>	<b>599</b>	<b>43 654</b>	<b>0</b>	<b>81 728</b>
<b>Comprehensive income for the period</b>						
Profit for the period				12 515		12 515
Re-measurement gains (losses) of defined benefit plans (IAS 19)				-526		-526
Exchange differences on translating foreign operations			914			914
<b>Total comprehensive income for the period</b>	<b>0</b>	<b>0</b>	<b>914</b>	<b>11 989</b>	<b>0</b>	<b>12 903</b>
<b>Transactions between the shareholders</b>						
Share issue		569				569
Share-related compensation				84		84
Dividend distribution				-2 621		-2 621
<b>Other changes</b>				<b>745</b>		<b>745</b>
<b>Shareholders equity 31.12.2014</b>	<b>12 941</b>	<b>25 103</b>	<b>1 513</b>	<b>58 850</b>	<b>0</b>	<b>93 407</b>

# Notes to the consolidated financial statements

## Corporate Information

The company's field of activities is the development, production and selling of software, equipment and other products for the automotive and electronics industry, the production of R&D services and other services as well as other industrial operations. The company may administer product and other rights and conduct research and development operations, hold and trade securities and real-estate and conduct other investment activities.

The parent company of the Group is Bittium Corporation, which is a Finnish public company. The parent company is domiciled in Oulu and its registered address is Tutkijantie 8, 90590 Oulu.

## Accounting Principles for the Consolidated Accounts

### Basis of Preparation

The consolidated financial statements have been prepared in accordance with International Financial Reporting Standards (IFRS) as well as the SIC and IFRIC interpretations in force at December 31, 2015. The financial statements are presented in thousands of euro. The consolidated financial statements have been prepared on a historical cost basis unless otherwise indicated.

## Consolidation Principles

The consolidated financial statements of Bittium include the financial statements of the parent company Bittium Corporation and its subsidiaries.

### Subsidiaries

The consolidated financial statements include Bittium Corporation and its subsidiaries financial statements. Subsidiaries are companies in which the Bittium Corporation has a controlling interest. A controlling interest arises when the Group holds more than half of the voting rights or it otherwise has the power to govern the financial and operating policies of the entity. The existence of potential voting rights is taken into account in assessing the conditions under which control arises whenever instru-

ments conferring potential voting rights can be exercised at the review date.

### Joint Arrangements

A joint arrangement is an arrangement of which two or more parties, bound by a contractual agreement, have joint control. Joint arrangements are classified, as either joint operations or joint ventures, dependent on the controlling parties' rights and obligations. Bittium does not have joint arrangements at the end of the period.

### Elimination of intra-group transactions

Intra-Group share ownership has been eliminated by means of the purchase method. Acquired subsidiaries are included in the consolidated financial statements from the time when the Group has obtained control, and divested subsidiaries up to the time when control ceases. The excess of the acquisition cost of the subsidiary shares over fair value of the net assets acquired is allocated partly to the identifiable assets and liabilities. Any excess is recorded as goodwill. Business combinations that occurred before the implementation of IFRS, in 2004, the carrying amount of the goodwill has been treated according to the Finnish GAAP in accordance with the exemption under IFRS 1. According to IFRS goodwill is not amortized but tested annually for impairment.

Intra-Group transactions, receivables, liabilities and margins are eliminated in preparation of the consolidated financial statements.

### Foreign Currency Transactions

Figures relating to the financial statements of Group entities are measured in the currency that is the currency of each entity's main operating environment ("functional currency"). The consolidated financial statements are presented in euros, which is the functional currency of the Group's parent company.

Transactions denominated in foreign currency are recorded in euros using the exchange rate on the date of the transaction. Monetary items denominated in foreign cur-

rency are translated to euros using the European Central Bank exchange rates at the balance sheet date. Gains and losses arising from transactions denominated in foreign currency and the translation of monetary items are recorded in the income statement.

Income statements and cash flows of subsidiaries, whose functional and reporting currency is not the euro, are translated into euros at the average exchange rates during the financial period. Their balance sheets are translated at the exchange rates prevailing at the balance sheet date. Translating the profit for the period using different rates in the income statement and the balance sheet leads to a translation difference that is recorded in equity. The translation differences arising from the elimination of the cost of foreign subsidiaries are recorded in equity. When a subsidiary is sold, the cumulative translation differences are entered in the income statement as part of the capital gain or loss.

Cumulative exchange differences arising from the translation of internal long term loans, which are in actual terms net investments in foreign operations, are taken directly to a separate component of equity.

The goodwill arising from the acquisition of foreign operations as well as fair value adjustments made to the carrying amounts of the assets and liabilities of said foreign operations in connection with an acquisition are treated as the assets and liabilities of said foreign operations and translated to euros using the exchange rates at the balance sheet date.

## Property, Plant and Equipment

Property, plant and equipment are measured at historical cost less depreciation and impairment losses. Assets of acquired companies are stated at their fair values at the date of acquisition. Assets are depreciated using the straight-line or reducing balance method over their useful life.

The residual value of assets and their useful life are reviewed periodically in connection with each set of financial statements and the interim report and, if necessary, they are ad-

justed to reflect changes that have occurred in the expectations for the asset's useful life. Ordinary repair and maintenance costs are charged to the income statement during the financial year in which they incurred. Gains and losses on sales and disposals are determined by comparing the received proceeds with the carrying amount and are included in operating profit.

## Intangible Assets

### Goodwill

After January 1st, 2004 the cost of goodwill is the excess of the cost of the business combination over the acquirer's interest in the net fair value of the identifiable assets. The goodwill arising from the business combinations prior to this represents the amount recorded under previous GAAP, which has been used as the deemed cost. The classification and accounting treatment of these business combinations has not been adjusted when the Group's opening IFRS balance sheet has been prepared.

Goodwill is tested annually or, if necessary, more frequently to determine any impairment. For this purpose, goodwill has been allocated to cash-generating units. The recoverable amount of a cash generating unit is compared to its carrying amount and an impairment loss is recognized if the carrying amount of the assets exceeds the recoverable amount. An impairment loss is recognized in the income statement.

### Research and Development Expenditure

Research expenditures are recorded as an expense as they are incurred. Expenditure on development activities is capitalized if they meet the criteria defined in IAS 38 Intangible Asset. Capitalized development expenses include mainly materials, supplies and direct labor costs. They are amortized on a systematic basis over their expected useful lives.

Capitalized development expenses are reviewed for potential impairment regularly by comparing the carrying amount to their recoverable amount. Significant changes in the technological environment are taken into account. If the carrying amount of the development expenses is greater than the recoverable amount, an impairment loss is recognized immediately.

### Other Intangible Assets

Purchased patents, trademarks, licenses and other intangible assets having a finite useful life are entered in the balance sheet and the amortized expense is recorded in the income statement over their useful life. If indications on possible impairment exist, the recoverable amount is determined and an impairment loss is recognized if necessary. Intangible assets with an indefinite useful life are not amortized but tested annually or, if necessary, more frequently to determine any impairment.

### Inventories

Inventories are stated at the lower of initial cost or net realizable value. Net realizable value is the estimated selling price in the normal course of business less the estimated costs of sale.

The value of raw material inventory is determined using a weighted average cost formula. The initial cost of finished and semi-finished products comprises of raw material, direct labor and other direct expenses as well an appropriate share of fixed and variable production overheads, based on the normal capacity of the production facilities.

### Borrowing costs

Borrowing costs are recognized in the income statement as they accrue according to the valid IFRS standards.

### Government Grants

Government grants are recognized when there is reasonable assurance that Group will comply with the conditions attaching to them and the grant will be received. Government grants received from public corporations are presented as other income in the income statement.

### Leases

When the Group is a lessee, all lease contracts of property, plant and equipment, in which the Group has substantially all the risks and rewards of ownership, are classified as finance leases. A finance lease agreement is recognized in the balance sheet at an amount equal at the inception of the lease to the fair value of the leased property or, if lower, at the present value of the minimum lease payments. An asset obtained on a finance lease is depreciated over the useful life of the asset or, if shorter, the lease term. Lease obligations are included in interest-bearing liabilities.

Lease agreements in which the risks and benefits attached to ownership remain with the lessor are classified as operating leases. Lease payments under an operating lease are recognized as an expense in the income statement on a straight line basis over the lease term.

### Impairment of Assets

At each balance sheet date (including interim reports) the Group estimates whether there is any indication that an asset may be impaired. If any such indication exists, the recoverable amount of the asset is estimated. The recoverable amount is estimated annually regardless of any indication of impairment to the following assets: goodwill, intangible assets with an indefinite useful life and for intangible assets which are not yet ready for use. The recoverable amount is based on the future discounted net cash flows, which are equivalent with the expected cash flows generated by the asset.

An impairment loss is recognized whenever the carrying amount of an asset exceeds its recoverable value. The loss is booked to the income statement. A previously recognized impairment loss is reversed only if there has been a change in the estimates used to determine the recoverable amount. However, the reversal must not cause that the adjusted value is higher than the carrying amount that would have been determined if no impairment loss had been recognized in prior years. Impairment losses recognized for goodwill will under no circumstances be reversed.

## Employee Benefits

### Pension Liabilities

Group companies in different countries have pension plans in accordance with local conditions and practices. The plans are classified as either defined contribution plans or defined benefit plans. In Finland, the Group has organized pension coverage for its staff through independent pension insurance companies. The Finnish system under the Employees' Pensions Act and the disability portion are treated as a defined contribution plan. The contributions to defined contribution plans are charged to the income statement in the year to which they relate. After this the Group has no other obligations for additional payment. Also the pension arrangements of the foreign subsidiaries are classified as defined contribution plans.

# Notes to the consolidated financial statements

## Share-Based Payment

The Group has applied IFRS 2 Share-Based Payment to the share-based scheme which was granted June 23, 2005. Expenses of option and share incentive schemes prior to this have not been presented in the income statement. Option rights and shares granted are measured at fair value at the time they are granted and entered as an expense in the income statement in even installments during the vesting period. The expense determined is based on the defined fair value of the stock options and shares as well as on management's estimate of the amount of options or shares to which the employee will be entitled at the end of the vesting period. The fair value of the options is determined on the basis of the Black-Scholes pricing model. The Group updates the assumption concerning the final amount of stock options and shares at each balance sheet date. Changes in the estimates are recorded in the income statement. When options are exercised, the cash payments received on the basis of share subscriptions (adjusted for any transaction expenses) are entered in the share capital (at nominal value) and in the share premium reserve.

## Provisions

A provision is recognized when the Group has a legal or constructive obligation as a result of a past event, it is probable that a payment obligation will be realized or cause a financial loss and the amount of the obligation can be estimated reliably. Provisions can arise from restructuring plans, onerous contracts, warranty repairs and allowances and from environmental, litigation or tax risks.

The amount recognized as a provision is the best estimate of the expenditure required to settle the present obligation at the balance sheet date. If the time value of money is material, provisions will be discounted.

If a reimbursement can be obtained from a third party for part of the obligation, the reimbursement is treated as a separate asset when it is virtually certain that the reimbursement will be received.

## Taxes

Tax expense in the Group's income statement comprises the current tax and change in deferred taxes of each group company. Current tax is calculated based on the taxable income using the tax rate that is enacted in each country at the balance sheet date.

Deferred tax liability is calculated on the temporary differences between the carrying amounts and the amounts used for taxation purposes. Deferred tax assets are recognized for deductible temporary differences and tax losses to the extent that it is probable that taxable profit will be available against which tax credits and deductible temporary differences can be utilized. In calculating deferred tax liabilities and assets, the tax base which is in force at the time of preparing the financial statements or which has been enacted by the balance sheet date for the following period, has been applied.

## Revenue Recognition

Sales of goods are recognized after the significant risks and rewards that, are connected with ownership, have been transferred to the buyer. Neither the Group retains a continuing managerial involvement to the degree usually associated with ownership, nor effective control of those goods. Revenues from services are recorded when the service has been performed. Sales are presented net of indirect sales taxes and discounts.

Revenue from long-term construction contracts is recognized based on the stage of completion when the outcome of the project can be reliably measured. The stage of completion is measured by using the cost-to-cost method under which the percentage of completion is defined as the ratio of costs incurred to total estimated costs.

## Assets Held for Sale and Discontinued Operations

The Group classifies a non-current asset or disposal as held for sale if its carrying amount will be recovered principally through a sale transaction rather than through continuing use. Non-current assets and asset items re-

lated to discontinued operations, which are classified as held for sale, are measured at the lower of their carrying amount and fair value less costs to sell. Depreciation and amortization on these asset items is discontinued at the time of classification. Profit after tax and gain on sale of discontinued operation is presented as a separate line item in the consolidated income statement.

Profit for the year from discontinued operations is presented separately in Consolidated Statement of Comprehensive Income. Discontinued operations are disclosed in note 2.

## Financial Assets, Financial Liabilities and Derivative Contracts

### Financial Assets

The Group's financial assets are classified in accordance with IAS 39 Financial Instruments: Recognition and Measurement in the following categories: financial assets at fair value through profit or loss, held-to-maturity investments, loans and receivables and financial assets held for sale. The classification is based on the purpose for which the assets have been acquired and they are classified upon acquisition.

A financial asset is classified at fair value through profit or loss, when it has been acquired for trading purposes. The category comprises the Group's investment portfolio and all derivative contracts. The consolidated balance sheet does not contain assets that would be classified in this category upon initial recognition as allowed under the fair value option of IAS 39. Realized and unrealized gains and losses from changes in fair values are recognised in profit or loss in the financial year they are incurred. The assets are in accordance with their nature included in the non-current and current assets of the balance sheet.

Loans and receivables are assets other than derivative contracts with related payments that are fixed or determinable. They are not quoted on efficient markets and they are not held by the Group for trading purposes. They are valued at amortised cost. They are in accordance with their nature included in the cur-



rent or long-term assets of the balance sheet: long-term if they fall due after more than 12 months.

The Group has not had held-to-maturity investments during the financial or the prior financial year. In case of occurrence they are valued at amortised cost.

Financial assets held for sale are assets other than derivative contracts that have particularly been classified into this category or have not been classified into any other category. They are included in the balance sheet on the basis of their estimated date of sale. Assets to be sold within 12 months are included in current assets. Such financial assets are disclosed separately in the consolidated balance sheet if their carrying amount is significant. The change in fair value of the financial assets held for sale is recognised net of tax in the revaluation fund in equity. The cumulative change in fair value recognised in equity is recognised in profit or loss when the asset is sold or the asset has been impaired and an impairment loss has to be recognised. Investments, whose fair value may not be reliably established, are valued at cost or cost adjusted for a permanent impairment loss.

Cash comprises cash on hand, bank deposits and other highly liquid investments. Assets classified as financial assets have a maximum maturity of three months from the date of acquisition.

Transaction costs are included in the cost of financial assets that are not valued at fair value through profit or loss. The purchases and sales of financial assets are recognised at the trade date.

## Financial Liabilities

Financial liabilities are initially recognised at fair value. Transaction costs are included in the initial carrying amount of financial liabilities. All financial liabilities are subsequently measured at amortised cost. Financial liabilities are included in current and non-current liabilities and may be interest-bearing or interest-free. The bases for determining the fair value of all financial assets and liabilities have been disclosed in notes 19, 25 and 27.

## The Impairment of Financial Assets

The Group assesses whether objective indications of the impairment of any financial assets exist at each balance sheet date. A loss is recognised in profit or loss as a recognised or probable credit loss, when there

are indications that trade or loan receivables may not be collected in full. Impairment losses on trade receivables are included in other operating expenses and on loan receivables in financial expenses.

Impairment losses on financial assets recognised in the financial year are disclosed in notes 19 and 20.

## Derivative Contracts and Hedge Accounting

Derivative contracts are recognised at their fair value. Hedge accounting in accordance with IAS 39 Financial Instruments: Recognition and measurement is not applied. The change in fair value of hedging instruments is recognised in finance items in profit or loss. The fair values of derivative contracts and the valuation methods used are disclosed in note 27.

## Significant Accounting Estimates and Judgments

The preparation of financial statements requires management to make estimates and assumptions about the future that affects the reported amounts. Used estimates and assumptions are based on prior experience and presumptions, which reflect the circumstances and expectations prevailing at the time of the preparation of the financial statements. Materiality and judgment in assessing the effect of uncertainties and the application of accounting principles have been observed in the preparation of the financial statements.

The management has exercised judgment during the financial year in applying e.g. in assessing the future prospects of Group companies in conjunction with standards IAS 12 Income Taxes and IAS 36 Impairment of Assets. Based on the management judgment, the majority of the capitalized R&D investments are depreciated based on the production amounts of the goods.

Financial statements may include non-recurring income or expenses that are not related to normal operative business or that occur only infrequently. Such items are among others sales profits or losses, substantial changes in asset values, like impairment or reversal of impairment, substantial restructuring costs or other substantial items that are considered as non-recurring by the management. Substantiality of the item is based on item's euro amount and the relative share of total value of the asset.

## The Application of New and Revised IFRS regulations

- The consolidated financial statements are prepared in accordance with International Financial Reporting Standards (IFRS) effective at the end of the period. The new, revised or amended IFRS regulations did not have significant impact on the consolidated financial statements during the period. The forthcoming revisions or amendments of the standards are not expected to have significant impact on the consolidated financial statements in the future.

## 1. OPERATING SEGMENTS

The reporting of Bittium's operating segments is based on the internal financial reporting which has been in use in Bittium Group. The regular reporting concerning the Wireless Business Segment has been provided to the Board of Directors of Bittium which has at the same time acted as the highest operative decision-making body of the company. The Board of Directors is responsible for allocating resources to and evaluating the results of Bittium's operating segments. Resources available for use and the results of the Wireless Business Segment have been evaluated historically as a single entity.

Bittium has only one operating segment, the Wireless business. Thereby, income statement and balance sheet information of the Wireless business are equivalent to corresponding information of the Bittium Group.

### Wireless

Bittium updated its strategic guidelines and outlook for 2015 due to the sale of the Automotive business and the change of the company name on July 1, 2015.

# Notes to the consolidated financial statements

## Geographical areas

Bittium operates in three geographical areas which are Europe, Americas and Asia. In presenting the geographical information, the revenue is based on the geographical location of customers. Geographical assets are based on the geographical location of the assets.

### GEOGRAPHICAL AREAS

2015 1000 EUR	Finland	Other Europe	Americas	Asia	Eliminations	Group total
<b>Net sales</b>						
Sales to external customers	43 924	4 387	8 319	183		56 813
Non-current assets	13 005		221			13 226
<b>Non-current assets total *)</b>						<b>13 226</b>

\*) Total non-current assets

### Capital expenditure, continuing operations

Tangible assets	2 341					2 341
Intangible assets	3 850					3 850
Goodwill	1 224					1 224

### Capital expenditure, discontinued operations

Tangible assets	122	1132	126	30		1411
Intangible assets	7	624		27		658

### GEOGRAPHICAL AREAS

2014 1000 EUR	Finland	Other Europe	Americas	Asia	Eliminations	Group total
<b>Net sales</b>						
Sales to external customers	41 335	8 496	2 526	353		52 710
Non-current assets	7 787	38 608	634	155		47 184
<b>Total non-current assets *)</b>	7 787	38 608	634	155		<b>47 184</b>

\*) does not include deferred tax assets

### Capital expenditure, continuing operations

Tangible assets	1142	0	0	0		1143
Intangible assets	3 330	0	0	0		3 330

### Capital expenditure, discontinued operations

Tangible assets	170	3 882	331	144		4 527
Intangible assets	0	2 385	3	11		2 399

## Information of primary customers

Group's revenues from the 10 largest customers in period 11-31.12.2015 were EUR 50.9 million (EUR 50.0 million in 2014) representing 89,4 per cent of the net sales (94.9 per cent in 2014)

## 2. DISCONTINUED OPERATIONS

	2015 1000 EUR	2014 1000 EUR
<b>Automotive business</b>		
Net sales	102 030	171 426
Expenses	-95 966	-156 509
Profit before tax	6 064	14 916
Income tax	-2 262	-3 810
Profit after tax	3 802	11 007
Profit for the sale of Automotive business	534 844	
Income tax		
Profit for the sale of Automotive business after tax	534 844	
<b>Profit for the year from discontinued operations (ASW)</b>	<b>538 647</b>	<b>11 007</b>
<b>Impact of the sale of Automotive business</b>		
	2015 1000 EUR	2014 1000 EUR
Property, plant and equipment	7 131	
Goodwill	19 149	
Other intangible assets	12 697	
Receivables	58 045	
Inventories	269	
Cash and short-term deposits	19 969	
Trade and other payables	-55 403	
<b>Assets and liabilities total</b>	<b>61 856</b>	
Cash received	600 000	
Cash of Automotive business	-11 774	
Expenses related to transaction	-3 066	
<b>Cash flow impact</b>	<b>585 160</b>	
<b>Test Tools product business</b>		
	2015 1000 EUR	2014 1000 EUR
Net sales		
Expenses	336	241
Profit before tax	336	241
Profit after tax	336	241
<b>Profit for the year from discontinued operations (Test Tools)</b>	<b>336</b>	<b>241</b>

The profit for the year in Test Tools product business did not have effect on cash flow. The profit consists of reversal of provision.

# Notes to the consolidated financial statements

	2015 1000 EUR	2014 1000 EUR
<b>3. NET SALES</b>		
Income recognized from construction contracts	13 857	8 388
Net sales other	42 956	44 322
<b>Total</b>	<b>56 813</b>	<b>52 710</b>
<b>Construction contracts</b>		
<p>The contract revenue is recognized in the income statement in proportion to the stage of completion of the contract. The stage of completion is defined as the ratio of costs incurred to total estimated costs.</p>		
Income recognized as sales based on the stage of completion of long-term construction contracts	13 857	8 388
Revenue recognized from long-term construction contracts in progress amounted to	11 784	6 842
Advances received from long-term construction contracts recognized in the balance sheet amounted to	6 530	1 290*
Receivables recognized from long-term construction contracts amounted to	1 708	1 044*
<p>*) only continuing operations 2014</p>		
<b>4. OTHER OPERATING INCOME</b>		
Government grants	1 150	1 427
Other income	244	189
<b>Total</b>	<b>1 394</b>	<b>1 615</b>
<b>5. OTHER OPERATING EXPENSES</b>		
External services	3 928	3 937
Voluntary staff expenses	844	659
Premises expenses	2 633	2 592
Travel expenses	991	796
IT expenses	1 892	1 577
Other expenses	7 497	4 693
<b>Total</b>	<b>17 784</b>	<b>14 254</b>
<b>AUDITORS' CHARGES</b>		
<b>Ernst &amp; Young</b>		
Auditing	31	26
Tax advice	13	6
Other services	6	4
<b>Total</b>	<b>50</b>	<b>36</b>
<b>Others</b>		
Auditing	21	24
Tax advice	9	8
Other services	3	3
<b>Total</b>	<b>33</b>	<b>35</b>

	2015 1000 EUR	2014 1000 EUR
<b>6. DEPRECIATIONS AND IMPAIRMENTS</b>		
<b>Depreciations</b>		
Intangible assets		
Capitalized development expenditure	235	130
Intangible rights	424	195
Other intangible assets	66	64
Tangible assets		
Machinery and equipment	1787	1946
<b>Total</b>	<b>2 512</b>	<b>2 335</b>
<b>7. EMPLOYEE BENEFIT EXPENSES AND NUMBER OF PERSONNEL</b>		
<b>Number of personnel</b>		
Average number of personnel during the fiscal period		
Continuing operations	511	493
Discontinued operations		1207
Discontinued operations, joint operations		380
<b>Personnel expenses 1000 EUR</b>		
Personnel expenses		
Managing Directors' salaries	714	469
Board of Directors	164	226
Expense of share-based payments	25	35
Other salaries and wages	23 308	22 347
<b>Total</b>	<b>24 211</b>	<b>23 076</b>
Pension expenses, defined contribution plans	4 721	4 238
Other personnel expenses	1 332	1 246
<b>Total</b>	<b>30 265</b>	<b>28 560*</b>

\* The personnel expenses are adjusted by the amount that has been activated as R&D investments into the balance sheet

# Notes to the consolidated financial statements

	2015 1000 EUR	2014 1000 EUR
<b>8. RESEARCH AND DEVELOPMENT EXPENSES</b>		
The research and development expenses total	7 330	6 864
Recognition as an asset	-3 371	-2 079
The expensed research and development expenses recognized in the income statement amounted to	3 960	4 786
<b>9. FINANCIAL EXPENSES (NET)</b>		
Interest expenses	-93	-76
Interest income	90	1
Dividend income	1	0
Exchange gains and losses	-769	138
Change of financial assets and liabilities at fair value through profit or loss	657	41
Other financial expenses	-187	-404
Other financial income	104	121
<b>Total</b>	<b>-196</b>	<b>-178</b>
<b>10. INCOME TAXES</b>		
Income taxes, current year		0
Other taxes	-8	-4
Income taxes, previous years	-5	-40
Deferred taxes	242	701
<b>Total</b>	<b>229</b>	<b>657</b>
A reconciliation between the effective tax rate and domestic tax rate (20.0%) of the Group:		
<b>Profit before taxes</b>	<b>2 112</b>	<b>610</b>
Tax at the domestic tax rate	-422	-122
Effect of tax rates of foreign subsidiaries	-9	16
Taxes for prior years	-5	-40
Tax free income	979	316
Non-deductible expenses	-627	-396
Utilization of deferred tax assets from previous years	772	400
Reassessment of deferred tax assets	242	702
The deferred tax assets from tax losses	-658	-187
Others	-43	-33
<b>Income taxes in the consolidated income statement</b>	<b>229</b>	<b>657</b>

11. EARNINGS PER SHARE	2015	2014
<b>Basic</b>		
Basic earnings per share amounts are calculated by dividing net profit for the year attributable to ordinary equity holders of the parent by the weighted average number of ordinary shares outstanding during the year.		
Profit attributable to the equity holders of the parent, continuing operations (1000 EUR)	2 341	1 267
Profit attributable to the equity holders of the parent, discontinued operations (1000 EUR)	538 983	11 248
Profit attributable to the equity holders of the parent, continuing and discontinued operation (1000 EUR)	541 323	12 515
Weighted average number of ordinary shares during the financial year (1000 PCS)	114 983	130 975
<b>Basic earnings per share, continuing operation, EUR</b>	<b>0,020</b>	<b>0,010</b>
<b>Basic earnings per share, discontinued operations, EUR</b>	<b>4,687</b>	<b>0,086</b>
<b>Basic earnings per share, continuing and discontinued operations, EUR</b>	<b>4,708</b>	<b>0,096</b>
<b>Diluted</b>		
Diluted earnings per share is calculated by dividing the net profit attributable to ordinary equity holders of the parent by the weighted average number of ordinary shares outstanding during the year plus the weighted average number of ordinary shares that would be issued on the conversion of all the dilutive potential ordinary shares into ordinary shares. The Group has a share-based payment scheme (Share-option plan 2008A, 2008B and 2008C) which has a diluting effect, when the exercise price is lower than the closing share price.		
The exercise price of the stock options at 31 December 2015 is lower than the closing share price, hence the stock options has dilutive effect.		
Profit attributable to the equity holders of the parent, continuing operations (1000 EUR)	2 341	1 267
Profit attributable to the equity holders of the parent, discontinued operations (1000 EUR)	538 983	11 248
Profit attributable to the equity holders of the parent, continuing and discontinued operations (1000 EUR)	541 323	12 515
Weighted average number of ordinary shares during the financial year (1000 PCS)	114 983	130 975
Effect of dilution (1000 PCS)	54	688
Weighted average number of ordinary shares during the financial year (1000 PCS)	115 037	131 663
<b>Diluted earnings per share, continuing operations, EUR</b>	<b>0,020</b>	<b>0,010</b>
<b>Diluted earnings per share, discontinued operations, EUR</b>	<b>4,685</b>	<b>0,085</b>
<b>Diluted earnings per share, continuing and discontinued operations, EUR</b>	<b>4,706</b>	<b>0,095</b>

# Notes to the consolidated financial statements

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>12. PROPERTY, PLANT AND EQUIPMENT</b>		
The Group has not revalued property, plant and equipment, hence the Group has not recognized any impairment losses directly to equity or recorded any reversals of those.		
<b>Buildings and constructsures</b>		
Acquisition cost Jan. 1	2 911	2 896
Translation differences	-18	8
Additions during the period	186	249
Disposals during the period		-241
Sale of the Automotive business	-457	
Acquisition cost at the end of the period	2 623	2 911
Accumulated depreciations Jan. 1	-1 985	-1 874
Translation differences	23	-4
Depreciation for the period	-282	-284
Depreciation for the period Automotive business	-57	-64
Sale of the Automotive business	215	
Depreciations on disposals		241
Carrying amount at the end of the period	537	927
No revaluations or capitalizations of interest costs have been done.		
<b>Machinery and equipment</b>		
Acquisition cost Jan. 1	59 461	55 464
Translation differences	-77	54
Additions during the period	3 446	5 367
Acquisition of business unit	7	
Disposals during the period	-1	-1 424
Sale of the Automotive business	-20 114	
Transfer to assets	-2	
Acquisition cost at the end of the period	42 720	59 461
Accumulated depreciations Jan. 1	-49 759	-46 876
Translation differences	120	-25
Depreciation for the period	-1 505	-1 663
Depreciation for the period Automotive business	-1 445	-2 497
Sale of the Automotive business	13 355	
Depreciations on disposals	-1	1 302
Carrying amount at the end of the period	3 486	9 702
<b>Advance payments</b>		
Acquisition cost Jan. 1		3
Additions during the period	129	
Disposals during the period		-3
Sale of the Automotive business	-129	
Acquisition cost at the end of the period	0	0



	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>Other tangible assets</b>		
Acquisition cost Jan. 1	88	88
Additions during the period		3
Disposals during the period		-3
Acquisition cost at the end of the period	88	88
Carrying amount at the end of the period	88	88
<b>Property, plant and equipment total</b>		
Acquisition cost Jan. 1	62 460	58 450
Translation differences	-95	62
Additions during the period	3 762	5 619
Acquisition of business unit	7	
Disposals during the period	-1	-1 671
Sale of the Automotive business	-20 700	
Transfer to assets	-2	
Acquisition cost at the end of the period	45 432	62 460
Accumulated depreciations Jan. 1	-51 744	-48 750
Translation differences	143	-29
Depreciation for the period	-1 787	-1 947
Depreciation for the period Automotive business	-1 502	-2 561
Sale of the Automotive business	13 570	
Depreciations on disposals	-1	1 543
Carrying amount at the end of the period	4 111	10 717
<b>Finance leases</b>		
The Group had the following amounts of property, plant and equipment acquired by finance leases:		
<b>Machinery and equipment</b>		
Acquisition cost Jan. 1	4 860	18 099
Accumulated depreciations	-3 495	-14 333
Carrying amount at the end of the period	1 365	3 766

Additions of property, plant and equipment include assets acquired by finance leases of EUR 1.1 million in 1.1.–31.12.2015 (EU 2,0 million in 2014).

# Notes to the consolidated financial statements

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>13. INTANGIBLE ASSETS</b>		
<b>Capitalized development expenses</b>		
Acquisition cost Jan. 1	17 657	15 579
Additions during the period	3 371	2 079
Acquisition of business unit	275	
Sale of the Automotive business	-11 539	
Acquisition cost at the end of the period	9 763	17 657
Accumulated depreciations Jan. 1	-5 417	-3 609
Depreciation for the period	-235	-130
Depreciation for the period Automotive business	-759	-1 678
Sale of the Automotive business	2 281	
Carrying amount at the end of the period	5 634	12 241
<b>Intangible rights</b>		
Acquisition cost Jan. 1	3 679	2 386
Additions during the period	374	1 293
Disposals during the period	-56	
Sale of the Automotive business	-779	
Transfer to assets	550	
Acquisition cost at the end of the period	3 769	3 679
Accumulated depreciations Jan. 1	-1 790	-1 438
Depreciation for the period	-359	-27
Depreciation for the period Automotive business	-243	-325
Carrying amount at the end of the period	1 377	1 889
<b>Customer relations and technology</b>		
Acquisition cost Jan. 1		10 079
Additions during the period	524	
Acquisition cost at the end of the period	524	10 079
Accumulated depreciations Jan. 1		-9 911
Depreciation for the period	-73	-168
Carrying amount at the end of the period	451	0

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>Other intangible assets</b>		
Acquisition cost Jan. 1	7 908	5 973
Translation differences	-47	5
Additions during the period	513	2 349
Disposals during the period	-3	-419
Sale of the Automotive business	-4 482	
Transfer to assets	-554	
Acquisition cost at the end of the period	3 336	7 908
Accumulated depreciations Jan. 1	-5 106	-3 609
Translation differences	43	-4
Depreciation for the period	-66	-64
Depreciation for the period Automotive business	-671	-1 848
Sale of the Automotive business	2 553	
Depreciations on disposals		419
Carrying amount at the end of the period	91	2 803
<b>Advance payments</b>		
Acquisition cost Jan. 1	69	62
Translation differences		0
Additions during the period		7
Disposals during the period	-69	
Acquisition cost at the end of the period	0	69
<b>Intangible assets total</b>		
Acquisition cost Jan. 1	29 313	34 078
Translation differences	-47	5
Additions during the period	4 782	5 728
Acquisition of business unit	275	
Disposals during the period	-128	-419
Sale of the Automotive business	-16 800	
Transfer to assets	-3	
Acquisition cost at the end of the period	17 392	39 392
Accumulated depreciations Jan. 1	-12 312	-18 566
Translation differences	43	-4
Depreciation for the period	-732	-389
Depreciation for the period Automotive business	-1 672	-3 850
Sale of the Automotive business	4 834	
Depreciations on disposals		419
Carrying amount at the end of the period	7 553	17 001
<b>Goodwill</b>		
Acquisition cost Jan. 1	19 343	19 319
Translation differences	22	23
Sale of the Automotive business	-19 149	
Additions during the period	1 224	0
Carrying amount at the end of the period	1 440	19 343

# Notes to the consolidated financial statements

## Impairment test

The cash flow forecasts employed in impairment test calculations are based on the budgets for 2016 and the Long Range Plans (LRP) for 2017-2019 approved by management for the strategical period and management estimations for 2020. Cash flows beyond five-year period are calculated by using the terminal value method. Future cash flows are exposed to the risks that are discussed in section "Risks and uncertainties" in the Report by the Board of Directors.

The used discount rate in impairment testing is Weighted Average Cost of Capital (WACC) before tax defined for Bittium. WACC defines

average costs of equity and debt by noticing the risks belonging to the each component. The components of WACC are risk-free interest rate, market risk premium, beta, cost of debt, corporate income tax rate and target capital structure. WACC calculated according to these parameters ended up to 12.1 % (12.6 % in 2014).

In 2015 Wireless business did not reach the cash flow forecasted in the impairment test calculation in 2014. There has not happened any fundamental changes in the business environment that would make an impact to the cash flow expectations compared to the previous financial year.

The impairment test is done when needed, but at least once per year. Impairment tests made in November 2015 did not indicate need for impairment bookings. Recoverable amounts exceed significantly the book value of goodwill and other assets. The terminal value represents 72% of business value.

Sensitivity analysis was also carried out during the impairment test. Cash flow forecast was either decreased by 20% or the discount factor was increased by 5%. It was noticed that cash flows are relatively sensitive to decrease in turnover, because cost structure can not easily be adapted simultaneously with declining turnover. However, there are no expectations for impairment losses in the future.

#### 14. ACQUISITIONS

On January 2, 2015 a subsidiary of Bittium Corporation acquired 100 per cent of the shares of Birdstep Technology Oy, which was a fully owned Finnish subsidiary of Birdstep Technology ASA, based in Norway. The acquired company's Safemove business provides its customers high quality information security solutions for mobile devices and portable computers. The acquisition strengthened the competitiveness of Bittium as a provider of secure communication solutions for defense, safety and other authorities markets. Birdstep Technology Oy's (Bittium Safemove Oy from 13th of July 2015 onwards) net sales was EUR 2.5 million in 2013 and in January-December 2014 EUR 2.9 million. The company employs 19 persons located in Espoo, Finland. The debt free cash purchase price was EUR 1.8 million. The acquisition does not have significant impact on the net sales or net profit of Jan. 1st–Dec. 31st 2015

The net assets of the company on the acquisition date were:

1000 EUR

Assets	
Intangible assets	275
Tangible assets	7
Receivables	466
Cash	19
<b>Assets total</b>	<b>767</b>
Provisions	27
Non-current loan	76
Other liabilities	487
<b>Liabilities total</b>	<b>590</b>
<b>Net assets</b>	<b>177</b>

The fair value of the receivables does not differ from the carrying amount.

In addition to these assets and liabilities, the acquisition generated goodwill that was allocated at the acquisition date as described below:

<b>Allocated to assets</b>	
Customers	95
Technology	429
<b>Total</b>	<b>524</b>
<b>Unallocated goodwill</b>	
Synergies, brand, know-how	1 226

The Group booked deferred tax liabilities related to the goodwill:

<b>Deferred tax liability</b>	<b>105</b>
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The Group did not have acquisitions during the year 2014.

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>15. OTHER FINANCIAL ASSETS</b>		
At 1 January	123	132
Disposals related to discontinued operations	-2	
Disposals		-8
At the closing date	122	123

**16. DEFERRED TAX LIABILITIES AND ASSETS**

1000 EUR	Jan. 1, 2015	Recognized in the income statement	Recognized in equity	Translation difference	Acquisitions and disposals of subsidiaries	Dec. 31, 2015
<b>Deferred tax assets</b>						
Unutilized losses in taxation	322				-322	0
Other items	1343	227			-414	1156
<b>Total</b>	<b>1665</b>	<b>227</b>	<b>0</b>	<b>0</b>	<b>-735</b>	<b>1156</b>

On December 31, 2015 the Group had 56.8M€ tax losses of from which it had not booked deferred tax receivables due to the uncertainty of the future profits, their timing, taxation or location. The amount of these non booked deferred tax receivables is approximately 11.8 million. The aging of these tax losses begins from year 2017.

1000 EUR	Jan. 1, 2015	Recognized in the income statement	Recognized in equity	Translation difference	Acquisitions and disposals of subsidiaries	Dec. 31, 2015
<b>Deferred tax liabilities</b>						
Deferred tax liabilities, temporary differences	549				-549	0
Customer and technology assets		-15			105	90
<b>Total</b>	<b>549</b>	<b>-15</b>	<b>0</b>	<b>0</b>	<b>-444</b>	<b>90</b>

1000 EUR	Jan. 1, 2014	Recognized in the income statement	Recognized in equity	Translation difference	Acquisitions and disposals of subsidiaries	Dec. 31, 2014
<b>Deferred tax assets</b>						
Unutilized losses in taxation	1118	-797				322
Other items	355	1231	-222	-21		1343
<b>Total</b>	<b>1473</b>	<b>435</b>	<b>-222</b>	<b>-21</b>	<b>0</b>	<b>1665</b>

Non booked deferred tax receivables of loss-making domestic companies was EUR 9.6 million

Group booked deferred tax receivables EUR 2.8 million of confirmed losses in subsidiaries.

1000 EUR	Jan. 1, 2014	Recognized in the income statement	Recognized in equity	Translation difference	Acquisitions and disposals of subsidiaries	Dec. 31, 2014
<b>Deferred tax liabilities</b>						
Deferred tax liabilities, temporary differences	497	84		-32		549
<b>Total</b>	<b>497</b>	<b>84</b>	<b>0</b>	<b>-32</b>	<b>0</b>	<b>549</b>

# Notes to the consolidated financial statements

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>17. INVENTORIES</b>		
Raw materials and supplies	1137	1035
Work in progress	190	97
Finished products	862	472
Other inventories		571
<b>Total</b>	<b>2 190</b>	<b>2 175</b>
<b>18. TRADE AND OTHER RECEIVABLES (CURRENT)</b>		
Trade receivables	16 590	51 233
Receivables from construction contracts	1 708	14 827
Prepaid expenses and accrued income	1 520	4 520
Other receivables	137	1 939
<b>Total</b>	<b>19 956</b>	<b>72 518</b>
Receivables are valued at nominal value or probable current value, whichever is lower. During the financial year group has booked impairment losses from accounts receivable EUR 0,1 million (EUR 0,1 million 2014)		
<b>Age distribution of accounts receivable</b>		
Current	11 295	34 820
Aged Overdue Amounts		
0–3 months	5 283	15 582
4–6 months	0	807
7–12 months	13	23
> 12 months		
<b>Total</b>	<b>16 590</b>	<b>51 233</b>

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>19. FINANCIAL ASSETS AT FAIR VALUE THROUGH PROFIT OR LOSS</b>		
<b>Currency derivatives</b>		
Balance sheet value on Jan. 1	0	90
Additions	67	
Changes in fair-value		-90
Balance sheet value at the end of the period	67	0
<b>Interest rate funds</b>		
Balance sheet value on Jan. 1	20 991	20 611
Additions	50 000	
Disposals	-5 300	
Changes in fair-value	342	380
Balance sheet value at the end of the period	66 032	20 991
<b>Financial assets at fair value through profit or loss total</b>		
Balance sheet value on Jan. 1	20 991	20 702
Additions	50 067	
Disposals	-5 300	
Changes in fair-value	342	289
Balance sheet value at the end of the period	66 100	20 991
<b>20. CASH AND SHORT-TERM DEPOSITS</b>		
Cash and short-term deposits	56 751	22 284
<b>Total</b>	<b>56 751</b>	<b>22 284</b>
<b>Cash and cash equivalents at consolidated cash flow statement consist of:</b>		
Interest rate funds	66 032	20 991
Cash and short-term deposits	56 751	22 284
<b>Total</b>	<b>122 783</b>	<b>43 275</b>

Fair value of cash and cash equivalents does not significantly differ from the carrying amount.



# Notes to the consolidated financial statements

## 21. ISSUED CAPITAL AND RESERVES

	Shares 1000 PCS	Share premium 1000 EUR	Premium fund 1000 EUR	Invested non-restricted equity fund 1000 EUR	Total 1000 EUR
On December 31, 2014	131 493	12 941	0	25 103	38 044
Purchase of own shares	-97 245				
Share subscriptions pursuant	1 352			820	820
On December 31, 2015	35 600	12 941	0	25 923	38 864

### Shares and the Share Capital

The shares of Elektrobit Corporation are listed on the NASDAQ OMX Helsinki Ltd. The Corporation has one series of shares. All the shares entitle their holders to dividends of equal value. Each share has one vote. The share does not have a nominal value. The company's shares have been entered into the Finnish Central Securities Depository Ltd's book-entry securities system.

At the end of the financial period, the fully paid share capital of the company entered into the Finnish Trade Register was EUR 12,941,269.00 and the total number of the shares was 35 600 168. The accounting per value of the company's share is EUR 0.10. The company is not in the possession of its own shares.

### Translation differences

The translation reserve comprises all foreign exchange differences arising from the transition of the financial statements of foreign subsidiaries.

### Dividends

Proposal by the Board of Directors on the use of the profit shown on the balance sheet and the distribution of funds is described in the report by the Board of Directors.

## 22. SHARE-BASED PAYMENT PLANS

### Stock Options

The Annual General Meeting of March 14, 2008, decided to issue stock options to Bittium (former Elektrobit) key personnel. The maximum number of stock options shall be 4,200,000, of which 1,400,000 shall be marked with the symbol 2008A, 1,400,000 shall be marked with the symbol 2008B and 1,400,000 shall be marked with the symbol 2008C. The stock options entitle to subscription of a maximum total of 4,200,000 new shares of the company or

treasury shares. The proportion of the shares that can be subscribed using the stock options to be issued will be a maximum total of 3.1 per cent of the company's shares and associated voting rights after a possible share subscription, should new shares be issued in the subscription. The subscription price for the shares to be subscribed based on the stock options shall be based on the prevailing market value of the Bittium Corporation share at NAS-

DAQ OMX Helsinki Ltd. in January 2009, January 2010 and January 2011. The subscription price will be recorded in the fund for invested unrestricted equity. The share subscription period for stock options 2008A is 1 April 2012–31 March 2014, for stock options 2008B 1 April 2013–31 March 2015, and for stock options 2008C 1 April 2014–31 March 2016.

# Notes to the consolidated financial statements

## Share-option plan 2008A

Share-based options, granted for key personnel

Nature of arrangement	Granted share-options
Grant date	14.8.2009
Number of instruments granted (1000 PCS)	1168
Exercise price, EUR	0.07
Share price at the grant date, EUR	0.68
Contractual life of the options (years)	4.7
Vesting conditions	
Settlement method	Shares
Expected volatility (%)	43 %
Expected contractual life of the options (years)	4.7
Risk-free interest rate (%)	2.65 %
Dividend yield (%)	0
Expected early exercise (at grant date)	0
Market conditions (at grant date)	
Fair-value of the options at the grant date	
Option pricing model	Black-Scholes

	Number of options 31.12.2015 1000 pcs	Number of options 31.12.2014 1000 pcs
Outstanding at the beginning of the year		627
Granted during the year		
Forfeited during the year		
Exercised during the year		-627
Expired during the year		
Outstanding at the end of the year		0
Exercisable at the end of the year		0

**SHARE-OPTION PLAN 2008B**

Share-based options, granted for key personnel

Nature of arrangement	Granted share-options
Grant date	31.5.2010
Number of instruments granted (1000 PCS)	1134
Exercise price, EUR	0.73
Share price at the grant date, EUR	1.05
Contractual life of the options (years)	4.9
Vesting conditions	
Settlement method	Shares
Expected volatility (%)	44 %
Expected contractual life of the options (years)	4.9
Risk-free interest rate (%)	2.65 %
Dividend yield (%)	0
Expected early exercise (at grant date)	0
Market conditions (at grant date)	
Fair-value of the options at the grant date	
Option pricing model	Black-Scholes

	Number of options 31.12.2015 1000 pcs	Number of options 31.12.2014 1000 pcs
Outstanding at the beginning of the period	518	1067
Granted during the period		
Forfeited during the period		
Exercised during the period	-411	-548
Expired during the period	-107	
Outstanding at the end of the period	0	518
Exercisable at the end of the period	0	518

# Notes to the consolidated financial statements

## SHARE-OPTION PLAN 2008C

Share-based options, granted for key personnel

Nature of arrangement	Granted share-options
Grant date	19.8.2011
Number of instruments granted (1000 PCS)	740
Exercise price, EUR	0.61
Share price at the grant date, EUR	0.56
Contractual life of the options (years)	4.7
Vesting conditions	
Settlement method	Shares
Expected volatility (%)	45 %
Expected contractual life of the options (years)	4.7
Risk-free interest rate (%)	2.07 %
Dividend yield (%)	0
Expected early exercise (at grant date)	0
Market conditions (at grant date)	
Fair-value of the options at the grant date	
Option pricing model	Black-Scholes

	Number of options 31.12.2015 1000 pcs	Number of options 31.12.2014 1000 pcs
Outstanding at the beginning of the period	868	760
Granted during the period	300	325
Forfeited during the period		
Exercised during the period	-941	-217
Expired/void during the period	-167	
Outstanding at the end of the period	61	868
Exercisable at the end of the period	61	868

### 23. PENSIONS AND OTHER POST-EMPLOYMENT BENEFIT PLANS

The pension arrangements of the Bittium Group are classified as defined contribution plans. The post-employment benefit plans and the pension liabilities reported in 2014 were connected to the discontinued operations.

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>Benefit pension plan liability consists of following items:</b>		
Present value of funded obligations		3 294
Fair value of plan assets		-324
Net liability		2 970
<b>Net periodic pension cost in income statement:</b>		
Unrecognized net liability on Jan. 1		
Current service cost		68
Interest cost		75
Employee contributions		-10
<b>Total</b>		<b>133</b>
<b>Balance sheet reconciliation:</b>		
Net liability on Jan. 1		2 086
Remeasurements (IAS 19)		752
Net periodic pension cost in income statement		133
<b>Net liability on Dec. 31</b>		<b>2 970</b>
<b>Principal actuarial assumptions:</b>		
Europe		
Discount rate		2.45
Expected return on plan assets		2.00
Future pension increase		0.00

#### Sensitivity of defined benefit obligation to changes in actuarial assumptions

Impact on defined benefit obligation	
Discount rate, +0.25 %	3 108
Discount rate, -0.25 %	3 494
Future pension increase +0.25 %	3 388
Future pension increase -0.25 %	3 205

### 24. PROVISIONS

1000 EUR	Guarantee provisions	Unprofitable rental agreements	Others	Total
December 31, 2014	613	304	1 912	2 828
Increase in provisions	147		1 338	1 485
Elimination of the provisions of the discontinued operations			-1145	-1145
Utilized provisions		-47	-288	-335
Reversal of unutilized provisions			-480	-480
<b>Dec 31, 2015</b>	<b>760</b>	<b>257</b>	<b>1 337</b>	<b>2 354</b>
Non-current provisions		107	1 039	1 146
Current provisions	760	150	297	1 207
<b>Total</b>	<b>760</b>	<b>257</b>	<b>1 337</b>	<b>2 354</b>

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>25. FINANCIAL LIABILITIES</b>		
<b>Non-current loans</b>		
Bank loans		1 356
Finance lease liabilities	745	2 448
<b>Total</b>	<b>745</b>	<b>3 803</b>
<b>Current loans</b>		
Bank loans		3 000
Finance lease liabilities	658	1 513
Repayments of non-current bank loans		8
<b>Total</b>	<b>658</b>	<b>4 520</b>
<b>Repayment schedule of long-term loans:</b>		
2016		1 905
2017	500	841
2018	167	370
2019	59	689
Later	19	0
<b>Total</b>	<b>745</b>	<b>3 803</b>

The interest on loans fall due every quarter. Their impact on the cash flow of the Group is not material.

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>The interest-bearing non-current loans are distributed by currency as follows:</b>		
EUR	745	3 803
<b>Total</b>	<b>745</b>	<b>3 803</b>

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>The interest-bearing current loans are distributed by currency as follows:</b>		
EUR	658	4 520
<b>Total</b>	<b>658</b>	<b>4 520</b>

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>Maturities of the finance lease liabilities:</b>		
Finance lease liabilities - minimum lease payments	1 460	4 311
Within one year	694	1 643
After one year but no more than five years	766	2 668
After five years	0	0
Finance lease liabilities - Present value of minimum lease payments	1 403	3 960
Within one year	658	1 513
After one year but no more than five years	745	2 448
After five years	0	0
Future finance charges	57	351
Total amount of finance lease liabilities	1 460	4 311

# Notes to the consolidated financial statements

<b>26. TRADE AND OTHER PAYABLES</b>	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>Current liabilities</b>		
Trade and other payables		
Trade liabilities	3 714	19 128
Accrued liabilities, deferred income	5 417	16 683
Other liabilities	8 818	22 680
<b>Total</b>	<b>17 948</b>	<b>58 491</b>
Material part of accrued expenses and deferred income consists of personnel expenses and other accruals.		
Fair value of the other liabilities than derivatives doesn't significantly differ from the initial carrying value, because the impact on discounting is not significant when taking into account the maturities of the loans.		
<b>Financial liabilities at fair value through profit or loss</b>		
Liabilities based on derivatives		
Balance sheet value on Jan. 1	248	0
Changes in fair-value	-248	248
<b>Balance sheet value at the end of the period</b>	<b>0</b>	<b>248</b>

# Notes to the consolidated financial statements

## 27. FINANCIAL RISK MANAGEMENT

Under its normal business activities, Bittium Corporation is exposed to several financial risks. The primary financial risks are foreign exchange rate risk, interest rate risk, investment risk and default risk. The goal of the Group's financial risk management function is to reduce adverse effects of price fluctuations and other uncertainties on earnings, balance sheet and cash flows as well as to ensure sufficient liquidity. In its risk management, the Group uses financial instruments such as forward exchange agreements, currency options and interest rate swaps. External professional portfolio managers are employed for investing activities.

The Group's general risk management principles are approved by the Board of Directors. The responsibility for their implementation lies with the parent company together with operational units. The parent company identifies and assesses risks and obtains relevant financial instruments for hedging them in close co-operation with the operative units. Management evaluates risk concentrations from the viewpoint of business activities, taking into consideration shared factors between underlying variables such as those arising from changes in economic conditions or other variables. Operations and funding programs executed in the financial markets are mainly concentrated into the parent company. Subsidiaries are mainly funded through intra-company loans and group account overdraft credit limits.

The Group's financial risks are divided into market, default and liquidity risk.

### Market risks

Market risks are caused by changes in foreign exchange rates, interest rates and the price of securities. Fluctuations in these may have an impact on the Group's income statement, cash flow or balance sheet.

### Foreign exchange rate risk

The Group operates globally and is exposed to transaction risk from foreign exchange positions as well as to risks due to the translation of investments in different currencies to the functional currency of the parent company. The most relevant currencies for the Group are the Euro and the US dollar. Foreign exchange rate risk is caused by commercial activities, monetary items on the balance sheet and net investments in foreign subsidiaries. A business unit's functional currency or generally used currencies (EUR, USD) are used as invoicing currency. Additional information on functional currency and foreign currency conversion is available in the accounting principles section of the consolidated financial statements.

The Group follows a currency strategy that aims at securing the margin of business activities in changing market conditions by minimizing the effect of fluctuations in foreign exchange rates. According to the principles of the currency strategy, surely considered and the most probable net cash flow in a particular currency is hedged. The cash flow is defined based on the net position of the trade receivables, trade payables, order intake and forecasted net currency cash flow. The Group does not apply hedge accounting as defined in the IAS 39 standard. According to the currency strategy the degree of hedging can vary from approximately 25% to 125% of the forecasted net position. At the end of the financial period the counter value of the hedged net position was EUR 2.5 million. During the financial year

the amount of the hedged position has been changing between EUR 2.5 – 12.5 million.

The Group has hedged the transaction risk related to its income statement and as a principal rule has not hedged the translation risk related to equity on the balance sheet. Foreign currencies denominated equities of foreign subsidiaries on December 31, 2015 was EUR 3.2 million (EUR 10.7 million in 2014) from which dollar denominated equities of foreign subsidiaries was EUR 1.8 million (EUR 8.6 million in 2014).

On the closing date, the Group had the following foreign exchange derivative contract nominal amounts outstanding (the nominal amounts do not represent the amounts exchanged by the parties):

#### Nominal value of currency derivatives

1000 EUR	2015	2014
<u>Forward contracts</u>		
Market value	67	-146
Nominal value	2 500	3 000
<u>Currency options purchased</u>		
Market value		22
Nominal value		5 000
<u>Sold currency options</u>		
Market value		-124
Nominal value		10 000

Dollar denominated assets and liabilities translated to euros using the closing date's value:

1000 EUR	2015	2014
<u>Long-term assets</u>		
	5	441
<u>Long-term liabilities</u>		
	735	988
<u>Current assets</u>		
	2 964	15 761
<u>Current liabilities</u>		
	392	6 642



The table below describes the 10% appreciation or depreciation of the Euro against the US dollar, other variables remaining constant. The sensitivity analysis is based on foreign currency denominated assets and liabilities as of the closing date. The change in dollar denominated trade receivables and debt would primarily have been due to fluctuations in the foreign exchange rate.

1000 EUR	Changes in income statement before tax		Changes in equity before tax	
	2015	2014	2015	2014
EUR appreciates	-200	-800	-200	-800
EUR depreciates	200	1000	200	1000

### Interest rate risk

Part of the Group's debt is tied to fixed interest rates. At the closing date, the Group had the following fixed interest rate debts outstanding:

	2015	2014
	1000 EUR	1000 EUR
Fixed interest rate debts	1 403	5 324

The table below describes the interest rate risk of debts should there have been a  $\pm 1\%$  change in interest rates of short term reference interest rate debts, other variables remaining constant. The figures presented indicate the change in yearly interest expense calculated using the average amount of debt during the financial period.

1000 EUR	Changes in income statement before tax		Changes in equity before tax	
	2015	2014	2015	2014
Loan stock January, 1	8 300	5 300		
Loan stock December, 31	1 400	8 300		
Average loan stock	4 900	6 800		
Change in interest	+/- 0	+/- 0	+/- 0	+/- 0

# Notes to the consolidated financial statements

## Market risk of investment activities

The Group's interest investments result in interest rate exposure, but their effect is not considered significant. The Group's revenue and operative cash flows are mainly independent of market rate fluctuations.

The Group invests in low-risk interest rate funds and therefore it has not been exposed to security price risk of fluctuations in the stock markets. According to the Group's principles, investments related to cash management are made in liquid and low-risk money market or bond instruments and thus have not been hedged using derivatives.

The table below describes the distribution of investments in securities at the closing date.

	2015	2014
Stock shares	0.0 %	0.0 %
Bonds	68.3 %	71.6 %
Money market investments	31.7 %	28.4 %
Total	100.0 %	100.0 %

The combined value of the above instruments during the financial period has ranged from approximately EUR 15.8 to EUR 66.1 million. At closing date their value was approximately EUR 66.0 million. This risk concentration has been managed by investing in well spread and low-risk money market funds.

The table below describes the price risk of the investments if they had exhibited a  $\pm 1\%$  change in a market rate of interest, other variables remaining constant. Financial assets that are recognized at market value in the income statement affect net income. Changes in the value of for-sale financial assets affect equity. In the calculations it is presumed that the Group's investments change with the interest rate level in question. The sensitivity analysis describes the total market risk of investment activity because all investments are in the interest rate instruments.

1000 EUR	Changes in income statement before tax		Changes in equity before tax	
	2015	2014	2015	2014
Interest investments	+/- 400	+/- 200	+/- 400	+/- 200

### Default risk

Bittium's credit risks are mainly related to accounts receivable, cash, financial investments and derivatives used in hedging. In its deposit, financial investment and hedging activities Bittium operates only with well-known partners who have good credit rating.

About 90 % of the Group's trade receivables are from ten customers. The other trade receivables are distributed among a wide customer base and across several geographical areas. Credit risk is mitigated for example by documentary credits or bank guarantees when needed. Default risk concentration is mainly assessed as a single customer's share of total trade receivables but also according to the receivable's date of maturity.

Bittium's significant default risk concentration is EUR 0.0 million which represents approximately 0.1 % of the total accounts receivable.

During the past financial year the amount of recognized credit losses was approximately EUR 0.1 million (EUR 0.1 million in 2014). Group did not have capital loans granted to outside Group at the end of 2015 (EUR 0.0 million in 2014).

The amount of the Group's counterparty default risk is consistent with the book value of financial assets at the closing date. For the maturity distribution of trade receivables, see note 18.

### Liquidity risk

The Group and business segments strive to continuously evaluate and monitor the amount of liquid funds needed for business operations and loan repayments. The Group strives to guarantee the availability and flexibility of financing by its strong financial position and liquid investments. The Group has also EUR 10.0 million credit facility agreement with Nordea Bank Finland Plc and EUR 10.0 million credit facility agreement with Pohjola Bank Plc. These agreements, intended for general financing purposes, are valid until further notice and include conventional covenants that are, among others, related to equity ratio, transfer and pledge of the assets. Transfer of assets covenant was breached at the sale of the Automotive business on July 1, 2015 but banks have informed Bittium that they will not use their rights to terminate the agreements related to the sale of the Automotive business. These credit facilities were not in use at the end of the reporting period. For the maturity distribution of the Group's debt, see note 25.

### Capital structure management

The Group strives to optimize its capital structure and thus support business activities by ensuring normal operating conditions under all circumstances. An optimal capital structure also ensures that the cost of capital is minimized.

The capital structure is affected by dividend policy and share issuance. The Group can alter and adjust dividends paid to shareholders as well as share repurchases. The Group can also alter and adjust the amount of shares issued, or make decisions on the sale of assets.

The management has continuously monitored the development of the Group's net gearing and solvency ratio. The Group's interest bearing net debt at the end of 2015 was EUR -121.4 million (EUR -35.0 million in 2014) and net gearing was -88.2 % (-37.4 % in 2014). The Group's solvency ratio at the end of 2015 was 90.5 % (62.3 % in 2014).

# Notes to the consolidated financial statements

## FAIR VALUES OF FINANCIAL ASSETS AND LIABILITIES

This section presents the Group's fair valuing principles for all financial instruments. The table below presents book values for each item in detail. Their fair values are not considered to materially differ from the book values presented in the consolidated balance sheets.

1000 EUR	Note	Book value 2015	Fair value 2015	Book value 2014	Fair value 2014
<b>Financial assets</b>					
Other financial assets	15	122	122	123	123
Trade receivables and other receivables	18	19 956	19 956	72 518	72 518
Financial assets at fair value through profit or loss	19	66 032	66 032	20 991	20 991
Cash and cash equivalents	20	56 751	56 751	22 284	22 284
Currency forwards and options	19	67	67		
<b>Financial liabilities</b>					
Bank loans	25			4 363	4 366
Finance lease liabilities	25	1 403	1 403	3 960	3 960
Trade payables and other debts	23-26	20 392	20 392	64 839	64 839
Currency forwards and options	26			248	248

### Investments in shares and funds and other investments

For-sale financial assets consist mainly of money market investments that fair values are based on the quotes of the closing day (IFRS 7 fair value hierarchy level 1; quoted prices (unadjusted) in active markets for identical assets or liabilities).

### Derivatives

The fair values of forward exchange and option contracts are defined based on publicly quoted currency and interest rate information and using commonly accepted valuation methods (IFRS 7 fair value hierarchy level 2; instruments whose fair value is observable either directly (i.e. as prices) or indirectly (i.e. derived from prices)). These calculations have been carried out by an outside professional party.

### Bank loans

Book values are considered to closely approximate fair values.

### Finance lease liabilities

Book values are considered to closely approximate fair values.

### Trade receivables and other receivables

The original book value of receivables is considered to equal their fair values, since the effect of discounting is non-significant considering the maturities of the receivables.

### Trade payables and other debts

The original book value of payables and other debts is considered to equal their fair values, since the effect of discounting is non-significant considering the maturities of the receivables.

<b>28. ADJUSTMENTS TO NET CASH FROM OPERATING ACTIVITIES</b>	31.12.2015 1000 EUR	31.12.2014 1000 EUR
Business transactions without payments		
Depreciations	5 686	8 748
Employee benefits	63	84
Shares in subsidiaries	-538 144	
Other adjustments	670	1 516
<b>Total</b>	<b>-531 725</b>	<b>10 348</b>

<b>29. OPERATING LEASE AGREEMENTS</b>	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>The Group as lessee</b>		
The total of future minimum lease payments under non-cancellable operating leases for each of the following periods:		
Not later than one year	2 267	7 225
Later than one year and not later than five years	2 303	11 736
Later than five years	0	1 249

The Group has rented all of its facilities. In average the maturities of the lease agreements are from 1 month to 10 years and normally they include an option to extend the rental period from originally agreed end date.

**The Group as lessor**

The Group has leased the excess office and production facilities with lease agreements valid until further notice.

# Notes to the consolidated financial statements

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>30. SECURITIES AND CONTINGENT LIABILITIES</b>		
Against own liabilities		
Floating charges	3 009	1 000
Guarantees	3 670	6 395
Rental liabilities		
Falling due in the next year	2 267	7 225
Falling due after one year	2 303	12 985
Other contractual liabilities		
Falling due in the next year	2 157	2 112
Falling due after one year	409	718
<b>Mortgages are pledged for liabilities totaled</b>		
Loans from financial institutions	2	2 608

## 31. RELATED PARTY DISCLOSURES

### The Group has the following structure:

	Country of incorporation	Owned by Parent %	Owned by Group %
<b>Parent</b>			
Bittium Oyj	Finland		
<b>Subsidiaries</b>			
Bittium Technologies Oy	Finland	100.00	100.00
Bittium Wireless Oy	Finland	0.00	100.00
Bittium Safemove Oy	Finland	0.00	100.00
Bittium USA, Inc.	USA	0.00	100.00
Bittium Technology (Beijing) Co. Ltd	China	0.00	100.00
Bittium Singapore Pte. Ltd	Singapore	0.00	100.00

# Notes to the consolidated financial statements

	2015 1000 EUR	2014 1000 EUR
<b>Employee benefits for key management</b>		
Salaries and remuneration		
Managing director of the parent		
Hannu Huttunen 7.8.–31.12.2015	82	
Jukka Harju 1.1.–6.8.2015 and 1.1.–31.12.2014	470	347
<b>Total</b>	<b>552</b>	<b>347</b>
Remuneration of the members of the board of the parent, the financial committee and the managing directors of the business segments		
Jorma Halonen 1.1.–4.11.2015 and 1.1.–31.12.2014	20	40
Kai Hilden 1.1.–31.12.2014	0	15
Lainema Matti 1.1.–4.11.2015	5	
Juha Hulkko 1.1.–4.11.2015 and 1.1.–31.12.2014	20	39
Seppo Laine 1.1.–4.11.2015 and 1.1.–31.12.2014	37	60
Staffan Simberg 1.1.–31.12.2015 and 1.1.–31.12.2014	34	44
Erkki Veikkolainen 1.1.–31.12.2015 and 1.1.–31.12.2014	36	28
Kirsi Komi 5.11.–31.12.2015	4	
Juha Putkiranta 5.11.–31.12.2015	4	
Seppo Mäkinen 5.11.–31.12.2015	4	
<b>Total</b>	<b>164</b>	<b>226</b>
There has not been any business transactions or open balances between the related parties.		
<b>Members of the group executive board</b>	<b>852</b>	<b>539</b>
<b>Loans and guarantees to related party</b>		
There are no loans or guarantees granted between the related parties		
<b>Stock option expenses</b>	<b>17</b>	<b>3</b>

## 32. SUBSEQUENT EVENTS

The Group management is not aware of any significant events after balance sheet date, that would have had impact on the consolidated financial statements.

**33. KEY RATIOS**

	IFRS 31.12.2015 Continuing operations	IFRS 2014 Continuing operations	IFRS 2013	IFRS 2012	IFRS 2011
<b>Income statement, MEUR</b>					
Net sales, MEUR *)	56.8	52.7	199.3	173.9	148.0
Net sales change, %	7.8		14.6	17.5	0.3
Operating profit/loss, MEUR *)	2.3	0.8	8.1	1.1	-5.5
% of net sales	4.1	1.5	4.1	0.6	-3.7
Profit/loss for continuing operations before taxes, MEUR	2.1	0.6	7.2	1.1	-5.9
% of net sales	3.7	1.2	3.6	0.6	-4.0
Profit for the year from continuing operations, MEUR	2.3	1.3	6.7	1.1	-6.5
% of net sales	4.1	2.4	3.3	0.6	-4.4
Profit after tax for the year from discontinued operations, MEUR	539.0	11.2	24.3	1.2	1.5
% of net sales	948.7	21.3	12.2	0.7	1.0
Profit for the year attributable to equity holders of the parent, MEUR	541.3	12.5	30.9	2.3	-5.3
% of net sales	952.8	23.7	15.5	1.3	-3.6
<b>Balance sheet, MEUR</b>					
Non-current assets	14.4	48.8	46.1	46.8	43.7
Inventories	2.2	2.2	0.8	0.4	1.8
Current assets	142.8	115.8	97.4	77.3	66.8
Assets classified as held for sale				7.7	
Shareholders' equity	137.6	93.4	81.7	66.0	65.8
Non-current liabilities	2.0	7.6	6.1	8.5	6.6
Current liabilities	19.8	65.8	56.5	53.2	40.0
Liabilities classified as held for sale				4.5	
Balance sheet total	159.4	166.8	144.4	132.2	112.3
<b>Profitability and other key figures</b>					
Return on equity % (ROE) **)	2.0		9.0	1.6	-9.4
Return on investment % (ROI) **)	2.5		9.2	1.7	-6.6
Interest-bearing net liabilities, (MEUR)	-121.4	-35.0	-37.7	4.0	-0.9
Net gearing, %	-88.2	-37.4	-46.1	6.1	-1.4
Equity ratio, %	90.5	62.3	65.1	54.5	62.9
Gross investments, (MEUR) *)	7.4	4.5	7.9	11.4	12.4
Gross investments, % of net sales	13.1	8.5	4.0	6.5	7.7
R&D costs, (MEUR) *)	7.3	6.9	18.5	22.0	22.1
R&D costs, % of net sales	12.9	13.0	9.3	12.6	15.0
Average personnel during the period, parent and subsidiaries *)	511	486	1627	1528	1553
Average personnel during the period, jointly owned company			300	132	

\*) Continuing operations. Excluding Automotive business income statements from periods 1.1.-1.7.2015 and 2014.

\*\*\*) comparable key figures for 2014 N/A



# Notes to the consolidated financial statements

	IFRS 31.12.2015	IFRS 2014	IFRS 2013	IFRS 2012	IFRS 2011
<b>Stock-related financial ratios</b>					
Earnings per share from continuing operations, EUR					
Basic earnings per share	0.020	0.010	0.051	0.008	-0.05
Diluted earnings per share	0.020	0.010	0.051	0.008	-0.05
Earnings per share from discontinued operations, EUR					
Basic earnings per share	4.687	0.086	0.188	0.009	0.01
Diluted earnings per share	4.685	0.085	0.187	0.009	0.01
Earnings per share from continuing and discontinued operations, EUR					
Basic earnings per share	4.708	0.096	0.239	0.018	-0.04
Diluted earnings per share	4.706	0.095	0.238	0.017	-0.04
Equity per share, EUR					
Dividend per share EUR *)	0.3	0.04	0.02	0.01	
Dividend per earnings, %	6.4	42.7	38.9	119.7	
P/E ratio	344.3	35.9	51.8	77.8	-9.2
Effective dividend yield, %	4.3	1.2	0.8	1.5	
Market values of shares (EUR)					
Highest	7.80	3.83	2.90	0.79	0.76
Lowest	3.27	2.30	0.64	0.38	0.36
Average	4.92	2.85	1.55	0.64	0.55
At the end of period	7.01	3.36	2.66	0.65	0.38
Market value of the stock, (MEUR)					
Trading value of shares					
MEUR	837.1	188.0	72.0	6.9	5.0
1000 pcs	169 993	66 019	46 483	10 750	9 169
Related to average number of shares %	147.8	50.4	35.9	8.3	7.1
Adjusted number of the shares at the end of the period (1000 PCS)					
Adjusted number of the shares average for the period (1000 PCS)	114 983	130 975	129 528	129 413	129 413
Adjusted number of the shares average for the period diluted with stock options (1000 PCS)					
	115 037	131 663	130 092	130 238	130 051

\*) Proposal of the BoD for 2015

**CALCULATION OF KEY RATIOS**

**Return on equity % (ROE)** = 
$$\frac{\text{Profit for the year} \times 100}{\text{Total equity (average for the accounting period)}}$$

**Return on investment % (ROI)** = 
$$\frac{\text{Profit before tax} + \text{interest and other financial expenses} \times 100}{\text{Balance sheet total} - \text{interest-free liabilities (average for the accounting period)}}$$

**Net gearing, %** = 
$$\frac{\text{Interest-bearing liabilities} - \text{cash and deposits and short-term investments} \times 100}{\text{Total equity}}$$

**Equity ratio, %** = 
$$\frac{\text{Total equity} \times 100}{\text{Balance sheet total} - \text{advances received}}$$

**Earnings per share** = 
$$\frac{\text{Profit attributable to equity holders of the parent}}{\text{Share issue adjusted number of the shares average for the period}}$$

**Equity per share** = 
$$\frac{\text{Equity attributable to equity holders of the parent}}{\text{Share issue adjusted number of the shares average for the period}}$$

**Dividend per share** = 
$$\frac{\text{Dividend for the period (Board's proposal) per share}}{\text{Adjustment coefficient of post-fiscal share issues}}$$

**Dividend per earnings, %** = 
$$\frac{\text{Dividend per share} \times 100}{\text{Earnings per share}}$$

**P/E ratio** = 
$$\frac{\text{Share issue adjusted share price at the end of the period}}{\text{Earnings per share}}$$

**Effective dividend yield, %** = 
$$\frac{\text{Dividend per share} \times 100}{\text{Share issue adjusted share price at the end of the period}}$$

# Notes to the consolidated financial statements

## 34. SHAREHOLDINGS AND SHARES

### Breakdown of Shares by Shareholding, December 31, 2015

Number of shares	Percentage of shareholders	Number of shares	Percentage of shares and votes
1-100	41.6	421 484	1.2
101-500	32.2	1 814 652	5.1
501-1000	11.2	1 874 134	5.3
1001-5000	11.7	5 600 210	15.7
5001-10000	1.7	2 703 850	7.6
10001-50000	1.3	5 485 283	15.4
50001-100000	0.1	1 866 375	5.2
100001-500000	0.1	5 478 594	15.4
500001-999999999999	0.0	10 355 586	29.1
<b>Total</b>	<b>100.0</b>	<b>35 600 168</b>	<b>100.0</b>
nominee-registered		2 543 953	7.1

### Breakdown of Shareholders by Shareholder Type, December 31, 2015

Shareholders by shareholder type	Number of shareholders	Number of shares	Percentage of shares and votes
Corporations	2.7	1 935 913	5.4
Financial sector	0.1	2 050 648	5.8
Public sector	0.0	1 826 599	5.1
Non-profit organizations	0.2	299 351	0.8
Households	96.6	26 622 659	74.8
Foreign owners	0.4	321 045	0.9
Nominee-registered shares	0.0	2 543 953	7.1
<b>Total</b>	<b>100.0</b>	<b>35 600 168</b>	<b>100.0</b>

**Largest Shareholders, December 31, 2015**

	Number of shares	Percentage of shares and votes
<b>Number of shares total</b>	<b>35 600 168</b>	<b>100,0</b>
1. Harju Jukka	1 724 100	4,8
2. Hulkko Juha	1 700 000	4,8
3. Veikkolainen Erkki, Chairman of the Board	1 500 000	4,2
4. Keskinäinen eläkevakuutusyhtiö Ilmarinen	1 316 203	3,7
5. Nordea Pankki Suomi Oyj	1 214 978	3,4
6. Skandinaviska Enskilda Banken AB (publ) Helsingin sivukonttori	970 857	2,7
7. Sijoitusrahasto EVLI Suomi pienyhtiöt	735 448	2,1
8. Hilden Kai	658 000	1,8
9. Fondita Nordic Micro Cap Placeringsfund	536 000	1,5
10. Keskinäinen Työeläkevakuutusyhtiö ELO	500 000	1,4
<b>Total</b>	<b>10 855 586</b>	<b>30,5</b>
Others (including nominee-registered)	24 744 582	69,5

**The Board and CEO**

Veikkolainen Erkki, Chairman of the Board	1 500 000	4,2
Komi Kirsi, Member of the Board		0,0
Putkiranta Juha, Member of the Board	10 000	0,0
Mäkinen Seppo, Member of the Board		0,0
Simberg Staffan, Member of the Board*	50 000	0,1
Huttunen Hannu, CEO		0,0
<b>Total</b>	<b>1 560 000</b>	<b>4,4</b>

\* Including the shareholdings of a company controlled by Staffan Simberg.

# Income statement, Parent Company

	NOTES	2015 1000 EUR	2014 1000 EUR
<b>Net sales</b>	1, 2	<b>892</b>	<b>1200</b>
Other operating income	3	3	1
Personnel expenses	4	-1 310	-1 356
Depreciation and reduction in value	5	-15	-30
Other operating expenses	6	-1 461	-1 634
<b>Operating profit</b>		<b>-1 891</b>	<b>-1 820</b>
Financial income and expenses	7	- 414	-629
<b>Profit before extraordinary items</b>		<b>-2 305</b>	<b>-2 449</b>
<b>Extraordinary income</b>	8	547 909	
<b>Profit (loss) before appropriations and taxes</b>		<b>545 604</b>	<b>-2 449</b>
Income tax	9	0	0
<b>Net profit for the financial year</b>		<b>545 604</b>	<b>-2 449</b>

# Balance Sheet, Parent Company

	NOTES	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>Assets</b>			
Non-current assets			
Intangible assets	10	0	101
Tangible assets	11	73	72
Investments	12	39 750	86 471
<b>Non-current assets total</b>		<b>39 823</b>	<b>86 644</b>
<b>Current assets</b>			
Receivables			
Non-current receivables	13	0	0
Current receivables	14	526	2 480
Receivables total		526	2 480
Financing securities	15	66 032	20 991
Cash and bank deposits		53 515	939
<b>Current assets total</b>		<b>120 074</b>	<b>24 410</b>
<b>Total assets</b>		<b>159 896</b>	<b>111 054</b>
<b>Shareholders' equity and liabilities</b>			
Shareholder's equity			
Share capital	16	12 941	12 941
Invested non-restricted equity fund		25 923	25 103
Retained earnings*		-433 412	67 137
Net profit/loss for the year		545 604	-2 449
<b>Shareholders' equity total</b>		<b>151 056</b>	<b>102 732</b>
Provisions			
Provisions, non-current	17	1 000	
Provisions, current		288	73
Liabilities			
Non-current liabilities	18		
Current liabilities		7 552	7 869
Liabilities total		7 552	8 249
<b>Shareholders' equity and liabilities total</b>		<b>159 896</b>	<b>111 054</b>

\*) Retained earnings includes the purchase of own shares, which was executed after the interim financial statements for the period of 1.1-1.7.2015.

# Cash Flow, Parent Company

	2015 1000 EUR	2014 1000 EUR
<b>CASH FLOW FROM OPERATING ACTIVITIES</b>		
Profit before extraordinary items	-2 305	-2 449
Adjustments:		
Depreciation according to plan	15	30
Effects of non-cash business activities	302	252
Financial income and expenses	414	629
Cash flow before change in net working capital	-1 575	-1 537
Change in net working capital		
Change in interest-free short-term receivables	159	-78
Change in interest-free short-term payables	-644	262
Cash flow before financing activities	-2 060	-1 353
Interest paid	-2 088	-1 286
Dividends received	1	0
Interest received	1 606	755
Income taxes paid	0	-0
<b>Net cash from operating activities</b>	<b>-2 541</b>	<b>-1 884</b>
<b>CASH FLOW FROM INVESTING ACTIVITIES</b>		
Purchase of tangible and intangible assets	-1	-1
Sale of property, plant and equipment and sale of intangible assets		1
Proceeds from sale of other investments		5
Proceeds from sale of subsidiaries	595 764	
<b>Net cash used in investing activities</b>	<b>595 763</b>	<b>4</b>
<b>CASH FLOW FROM FINANCIAL ACTIVITIES</b>		
Share option plans exercised	820	569
Proceeds from borrowing		3 000
Repayment of borrowing	-3 000	
Change in interest-free short-term receivables in Group	1 862	1 327
Change in interest-free short-term payables in Group	2 814	-4 445
Capital repayment received	-492 810	
Dividend paid and capital repayment	-5 290	-2 621
<b>Net cash used in financial activities</b>	<b>-495 605</b>	<b>-2 170</b>
<b>Net change in cash and cash equivalents</b>	<b>97 617</b>	<b>-4 050</b>
Cash and cash equivalents at beginning of period	21 930	25 980
Cash and cash equivalents at end of period	119 547	21 930
Change in cash and cash equivalents in balance sheet	97 617	-4 050

Cash and cash equivalents include liquid and low risk financing securities.

# Accounting Principles for the Preparation of Financial Statements of the Parent Company

The financial statements have been prepared in accordance with the Finnish Accounting Act.

## Valuation Principles

### Valuation of Non-current Assets

Non-current assets are capitalized in the balance sheet at the original acquisition cost deducted by accumulated depreciation. Depreciations according to the plan is calculated either using the straight-line method or the reducing balance method, taking into consideration of the useful life of assets.

The depreciation periods are:

Intangible assets 3–10 years

Tangible assets 3–5 years

### Valuation of Financial Securities

Financial securities are valued at fair value. The fair value of forward exchange are defined based on forward exchange prices on balance sheet date and option contracts are defined based on market prices on balance sheet date.

### Pensions

The Company has organized pension coverage for its personnel through independent pension insurance companies. The pension insurance expenditures are included into personnel expenses.

### Leasing Agreements

Leasing agreements and fixed-term rental agreements are reported as contingent liabilities on the balance sheet.

### Income Tax

Taxes of the financial year have been reported in the income statement as income taxes. Deferred tax or liabilities or receivables has not been recorded on the financial statement.

### Foreign Currency Items

The transactions in the income statement have been converted into euro using the exchange rate of the transaction date. Receivables and payables denominated in foreign currency have been converted into euro by using the exchange rate of the European Central Bank at the balance sheet date.

### Net Sales

Sales of goods is recorded when goods have been handed over to the customer or the services have been rendered. Sales are shown net of indirect sales taxes and discounts.



# Notes to the Financial Statements of the Parent Company

	2015 1000 EUR	2014 1000 EUR
<b>1. NET SALES BY SEGMENTS</b>		
Support functions	892	1200
<b>Total</b>	<b>892</b>	<b>1200</b>
<b>2. NET SALES BY MARKET AREAS</b>		
Europe	851	1113
America	35	73
Asia	6	13
<b>Total</b>	<b>892</b>	<b>1200</b>
<b>3. OTHER OPERATING INCOME</b>		
Other operating income	3	1
<b>Total</b>	<b>3</b>	<b>1</b>
<b>4. NUMBER OF PERSONNEL AND PERSONNEL EXPENSES</b>		
Average number of personnel during the fiscal period		
Common functions	7	9
<b>Total</b>	<b>7</b>	<b>9</b>
Number of personnel at year end		
	6	8
Personnel expenses		
Managing Directors' salaries	552	347
Board of Directors	76	211
Other salaries and wages	530	579
<b>Total</b>	<b>1158</b>	<b>1137</b>
Pension expenses	133	188
Other social expenses	19	32
<b>Total</b>	<b>1310</b>	<b>1356</b>
<b>5. DEPRECIATION AND REDUCTION IN VALUE</b>		
Intangible rights	15	29
Other capitalized long-term expenditures		1
Machinery and equipment	-0	0
<b>Total</b>	<b>15</b>	<b>30</b>

# Notes to the Financial Statements of the Parent Company

	2015 1000 EUR	2014 1000 EUR
<b>6. OTHER OPERATING CHARGES</b>		
IT equipment and SW expenses	-68	-255
Premises expenses	-58	-45
Administrative services	-448	-822
Travel expenses	-89	-115
Voluntary staff expenses	-21	-13
Other business expenses	-778	-383
<b>Total</b>	<b>-1 461</b>	<b>-1 634</b>
Auditors charges		
Auditing	17	17
Tax advice	13	6
Other services	6	4
<b>Total</b>	<b>36</b>	<b>27</b>
<b>7. FINANCIAL INCOME AND EXPENSES</b>		
Income from investments		
From others	507	380
<b>Total</b>	<b>507</b>	<b>380</b>
Other interest and financial income		
From Group companies	117	246
From others	1 298	376
<b>Total</b>	<b>1 415</b>	<b>623</b>
Other interest and financial income		
To Group companies	-0	0
To others	-2 336	-1 632
<b>Total</b>	<b>-2 336</b>	<b>-1 632</b>
<b>Net financial income and expenses</b>	<b>-414</b>	<b>-629</b>
Net financial income and expenses includes exchange gains and losses	-930	-1 146
<b>8. EXTRAORDINARY INCOME</b>		
Extraordinary income	553 192	
Extraordinary costs	-5 283	
<b>Total</b>	<b>547 909</b>	<b>0</b>
<p>The extraordinary income consists of the profit of the sale of the Automotive-segment. The extraordinary costs are charges related to the sale of Automotive business segment and the costs of the planned partial demerger process, which was cancelled.</p>		
<b>9. INCOME TAX</b>		
Other direct taxes	-0	-0
<b>Total</b>	<b>-0</b>	<b>-0</b>

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>10. INTANGIBLE ASSETS</b>		
<b>Intangible rights</b>		
Acquisition cost Jan. 1	289	289
Disposals during the period	-87	
Acquisition cost at the end of the period	203	289
Accumulated depreciations Jan. 1	-188	-159
Depreciation for the period	-14	-29
Book value at the end of the period	0	101
<b>Other capitalized long-term expenditures</b>		
Acquisition cost Jan. 1		27
Acquisition cost at the end of the period		27
Accumulated depreciations Jan. 1		-27
Book value at the end of the period		0
<b>Intangible assets total</b>		
Acquisition cost Jan. 1	289	316
Investments during the period	-87	
Acquisition cost at the end of the period	203	316
Accumulated depreciations Jan. 1	-188	-186
Depreciation for the period	-14	-29
Book value at the end of the period	0	101

# Notes to the Financial Statements of the Parent Company

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>11. TANGIBLE ASSETS</b>		
<b>Machinery and equipment</b>		
Acquisition cost Jan. 1	2	11
Investments during the period	1	1
Disposals during the period		-1
Acquisition cost at the end of the period	3	11
Accumulated depreciations Jan. 1	-1	-9
Depreciation for the period	-0	-1
Book value at the end of the period	2	1
<b>Other tangible assets</b>		
Acquisition cost Jan. 1	71	71
Acquisition cost Dec. 31	71	71
Book value at the end of the period	71	71
<b>Tangible assets total</b>		
Acquisition cost Jan. 1	73	82
Investments during the period	1	1
Deduction during the period		-1
Acquisition cost at the end of the period	74	82
Accumulated depreciations Jan. 1	-1	-9
Depreciation for the period	-0	-1
Book value at the end of the period	73	72
<b>12. INVESTMENTS</b>		
<b>Investments in subsidiaries</b>		
Acquisition cost Jan. 1	86 470	86 470
Disposals during the period	-46 721	
Book value at the end of the period	39 749	86 470
<b>Investments in other shares</b>		
Acquisition cost Jan. 1	1	9
Disposals during the period		-8
Book value at the end of the period	1	1
<b>Investments total</b>		
Acquisition cost Jan. 1	86 471	86 479
Disposals during the period	-46 721	-8
Book value at the end of the period	39 750	86 471

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>13. NON-CURRENT RECEIVABLES</b>		
Loan receivables		
From Group companies		
<b>Total</b>		
<b>Long-term receivables total</b>		
<b>14. CURRENT RECEIVABLES</b>		
Accounts receivable		
From Group companies	375	553
<b>Total</b>	<b>375</b>	<b>553</b>
Other receivables		
From Group companies	0	1862
From others	76	64
<b>Total</b>	<b>76</b>	<b>1926</b>
Prepaid expenses and accrued income		
From others	76	1
<b>Total</b>	<b>76</b>	<b>1</b>
<b>Current receivables total</b>	<b>526</b>	<b>2 480</b>
<b>15. FINANCING SECURITIES</b>		
Cash and cash equivalents include liquid and low risk financing securities.		
Financial assets at fair value through profit or loss	66 032	20 991
<b>16. SHAREHOLDERS' EQUITY</b>		
Share capital at the beginning of the period	12 941	12 941
<b>Share capital at the end of the period</b>	<b>12 941</b>	<b>12 941</b>
Invested unrestricted equity fund at the beginning of the period	25 103	24 533
Share issue	820	569
<b>Invested unrestricted equity fund at the end of the period</b>	<b>25 923</b>	<b>25 103</b>
Retained earnings at the beginning of period	64 688	69 759
Dividend distribution	-5 290	-2 621
Purchase of own shares	-492 810	
Net profit for the period	545 604	-2 449
<b>Retained earnings at the end of period</b>	<b>112 192</b>	<b>64 688</b>
Distributable earnings at the end of the period	138 114	89 791
<b>Shareholders' equity total</b>	<b>151 056</b>	<b>102 732</b>

# Notes to the Financial Statements of the Parent Company

	31.12.2015 1000 EUR	31.12.2014 1000 EUR
<b>17. PROVISIONS</b>		
Provisions		
Provisions, non-current	1 000	
Provisions, current	288	73
<b>Total</b>	<b>1 288</b>	<b>73</b>
<b>18. NON-CURRENT</b>		
<b>Non-current loans</b>		
Non-current loans		
Loans from financial institutions		0
<b>Total</b>		<b>0</b>
<b>Non-current liabilities total</b>		<b>0</b>
<b>Current liabilities</b>		
Current loans		
Loans from financial institutions		3 000
<b>Total</b>		<b>3 000</b>
<b>Accounts payable</b>		
To Group companies	50	15
To others	190	124
<b>Total</b>	<b>240</b>	<b>139</b>
<b>Other short-term liabilities</b>		
To Group companies	7 043	4 233
To others	52	41
<b>Total</b>	<b>7 095</b>	<b>4 274</b>
<b>Accrued expenses and deferred income</b>		
To others	218	837
<b>Total</b>	<b>218</b>	<b>837</b>
<b>Current liabilities total</b>	<b>7 552</b>	<b>8 249</b>

	31.12.2015 1000 EUR	31.12.2014 1000 EUR	
<b>19. SECURITIES AND CONTINGENT LIABILITIES</b>			
On behalf of Group companies			
Guarantees	3 453	8 183	
Leasing liabilities			
Falling due in the next year	1 064	912	
Falling due after one year	1 396	1 120	
Rental liabilities			
Falling due in the next year	24	22	
Contractual liabilities			
Falling due in the next year	140	156	
<b>20. NOMINAL VALUE OF CURRENCY DERIVATES</b>			
Foreign exchange forwards			
Market value	67	-146	
Nominal value	2 500	3 000	
Options			
Currency options purchased			
Market value		22	
Nominal value		5 000	
Sold options			
Market value		-124	
Nominal value		10 000	
<b>21. SHARES AND HOLDINGS</b>			
	Owned by Parent %	Owned by Group %	Book value 1000 EUR
Subsidiaries			
Bittium Technologies Oy	100,00	100,00	39 749
Other holdings by Parent			
Partnera Oy			1

# Auditor's report

## To the Annual General Meeting of Bittium Corporation

We have audited the accounting records, the financial statements, the report of the Board of Directors, and the administration of Bittium Oyj for the year ended 31 December, 2015. The financial statements comprise the consolidated statement of financial position, statement of comprehensive income, statement of changes in equity and statement of cash flows, and notes to the consolidated financial statements, as well as the parent company's balance sheet, income statement, cash flow statement and notes to the financial statements.

## Responsibility of the Board of Directors and the Managing Director

The Board of Directors and the Managing Director are responsible for the preparation of consolidated financial statements that give a true and fair view in accordance with International Financial Reporting Standards (IFRS) as adopted by the EU, as well as for the preparation of financial statements and the report of the Board of Directors that give a true and fair view in accordance with the laws and regulations governing the preparation of the financial statements and the report of the Board of Directors in Finland. The Board of Directors is responsible for the appropriate arrangement of the control of the company's accounts and finances, and the Managing Director shall see to it that the accounts of the company are in compliance with the law and that its financial affairs have been arranged in a reliable manner.

## Auditor's Responsibility

Our responsibility is to express an opinion on the financial statements, on the consolidated financial statements and on the report of the Board of Directors based on our audit. The Auditing Act requires that we comply with the requirements of professional ethics. We conducted our audit in accordance with good auditing practice in Finland. Good auditing practice requires that we plan and perform the audit to obtain reasonable assurance about whether the financial statements and the report of the Board of Directors are free from material misstatement, and whether the members of the Board of Directors of the parent company and the Managing Director are guilty of an act or negligence which may result in liability in damages towards the company or have violated the Limited Liability Companies Act or the articles of association of the company.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements and the report of the Board of Directors. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation of financial statements and report of the Board of Directors that give a true and fair view in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the company's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall

presentation of the financial statements and the report of the Board of Directors.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

## Opinion on the consolidated financial statements

In our opinion, the consolidated financial statements give a true and fair view of the financial position, financial performance, and cash flows of the group in accordance with International Financial Reporting Standards (IFRS) as adopted by the EU.

## Opinion on the company's financial statements and the report of the Board of Directors

In our opinion, the financial statements and the report of the Board of Directors give a true and fair view of both the consolidated and the parent company's financial performance and financial position in accordance with the laws and regulations governing the preparation of the financial statements and the report of the Board of Directors in Finland. The information in the report of the Board of Directors is consistent with the information in the financial statements.

In Oulu on February 17, 2016

Ernst & Young Oy  
Authorized Public Accounting Firm



Juhani Rönkkö  
Authorized Public Accountant





# Bittium

Connectivity to be trusted.  
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