



## ANNUAL REPORT

ON STATUS AND BUSINESS ACTIVITIES OF THE GROUP IN 2017

Zagreb, April 2018

This version of the Annual report is a translation from the original, which was prepared in Croatian language. All possible care has been taken to ensure that the translation is an accurate representation of the original. However, in all matters of interpretation of information, views or opinions, the original language version takes precedence over this translation

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#### **MANAGEMENT REPORT**

#### 1.1 Introduction

The Zagreb Stock Exchange started 2016 as 100% owner of the Ljubljana Stock Exchange upon the acquisition that was concluded at the very end of 2015, and by which the Zagreb Stock Exchange distinguished itself as the initiator of consolidation processes in the region.

Among significant events which had an impact on Group operations, we outline the following:

- After using the Nasdaq X-stream trading system for 10 years, the Zagreb Stock Exchange has completed the migration of its business to the new Xetra trading system. The decision to switch to a new trading system was motivated by cost cutting in view of the need to reduce dependence on the provider for system upgrades, lower costs of upgrades related to compliance with regulatory requirements, harmonisation of the method of trading with other European markets, greater probability of remote membership and entry of new investors in the market, as well as by the wish for both markets managed by the Zagreb Stock Exchange to trade on the same system. The first day of trading on the new system was 7 July 2017.
- The Ljubljana Stock Exchange has become the operator of SI ENTER multilateral trading facility, which admits to trading the shares of such issuers that are not listed on the regulated market and which, in the opinion of the Ljubljana Stock Exchange and its members firms, may draw trading interest.
- The Ljubljana Stock Exchange has formally joined the SEElink platform. In addition, the Banja Luka and the Sarajevo Stock Exchange have also become its members. SEElink is currently working on several initiatives to spur trading via this order exchange platform.
- The first international SEE Link Conference was held in Belgrade in April, with more than 70 participants from Croatia, Bulgaria, Macedonia, Serbia, Slovenia, Montenegro, and Bosnia and Herzegovina.
- In May, the 4<sup>th</sup> Investment Days of the Zagreb and the Ljubljana Stock Exchange enlisted the participation of eight Slovenian and seven Croatian issuers, holding 198 one-on-one and group meetings with investors from seven countries in two days.
- In June, the 8<sup>th</sup> course of annual education for the companies whose financial instruments are listed on the Zagreb Stock Exchange's regulated market was held under the auspices of the Croatian Financial Services Supervisory Agency, the Central Depository and Clearing Company and the Zagreb Stock Exchange.
- The Croatian Financial Services Supervisory Agency approved the new Exchange Rules and Service
   Price List related to the introduction of a new trading system Xetra and new Exchange Rules and
   Service Price List compliant with Directive MIFID II.
- The ZSE Trading Monitor application has enabled its users insight into trading and data for the Ljubljana Stock Exchange in addition to those for the Zagreb Stock Exchange.

- A joint Zagreb Stock Exchange and fund industry conference entitled "Challenge of change: New Challenges" was held in Rovinj late in October. As the central event of the Croatian and regional financial community, this year's conference attracted 20-odd speakers and more than 450 participants from all branches of the financial industry from Croatia, its region and the world.
- The Xetra Classic v. 17.0 software, which is necessary for ensuring compliance of the trading system with MiFID II Directive, was implemented successfully on 20 November 2017. The upgrade in question went into production smoothly with no problems for either member firms or trading. The upgrade has been in full operational use since 2 January 2018, completing successfully the process of trade harmonisation at the Zagreb Stock Exchange with the new European regulation MiFID II and MAR.
- After a joint presentation for the public was held in June to launch the Zagreb Stock Exchange's new market the Progress Market, envisaged for SMEs, in November the website of the Progress multilateral trading facility was launched, at which all legal acts forming the legal framework of the market (<a href="http://progress.market">http://progress.market</a>) have been published. At the same time, Zagreb Stock Exchange published a call for applications for the grant of adviser status at the Progress Market. Nine Progress Market advisers were licensed by the end of 2017.
- During 2017, four fund-raising campaigns via the Funderbeam SEE platform have been completed for Include, Sense Consulting, Aspida and Pivovara Medvedgrad. These four rank among the 10 largest start-up financing campaigns in Croatia ever, raising a total of EUR 2.1 million in fresh capital.
- In December 2017, the Exchange was accredited by the Global Legal Entity Identifier Foundation (GLEIF) as the Local Operating Unit (LOU) for Legal Entity Identifiers (LEIs). The Zagreb Stock Exchange was granted a Pre-LOU status in April 2015 by the international Regulatory Oversight Committee, which authorised its assigning and administering of LEIs in the transitional period. The Exchange was successfully accredited following a comprehensive accreditation procedure necessary for the transition to the LOU status, becoming the 17<sup>th</sup> organisation in the world to have been granted this status by GLEIF. It is now authorised to assign LEIs to entities registered in 11 countries. The close of 2017 saw the Zagreb Stock Exchange administering 668 LEIs.
- The 34<sup>th</sup> Financial Conference, organised by the financial daily *Finance* and the Ljubljana Stock Exchange, outshone all previous ones by the number of participants and real sector companies, as well as by its programme and organisational efforts.
- The Ljubljana Stock Exchange also participated at the BNI conference at which various opportunities financing for SMEs were presented.
- Following a break of several years, the Ljubljana Stock Exchange again organised a webcast attended by seven top-tier issuers and 51 investors from around the globe.

- Its activities also included the first joint gathering of the Securities Market Agency (SI. abbreviation ATVP), the Central Clearing Depository Company (KDD) and the Ljubljana Stock Exchange, aimed at all capital market participants in Slovenia, at which novelties within the scope of business of its organisers were presented.
- The ZSE Trading Monitor application has enabled its users insight into trading and data for the Ljubljana Stock Exchange in addition to those for the Zagreb Stock Exchange.
- Late in September, in cooperation with the Vienna Stock Exchange, the Zagreb Stock Exchange and Ljubljana Stock Exchange held a presentation for member firms of the Xetra release 17 (making the trading system compliant with Directive MiFID II).
- In September, the Ljubljana Stock Exchange has completed a thorough remodelling of a part of its premises used for business operations.

#### 1.2 Financial results and business operations of the Group in 2017

The 2017 operating income of the Group amounted to HRK 24.2 mil., representing an increase by 0.1 % compared to 2016. Sales revenue rose 2.7 % to HRK 15.8 mil. in the year under review. The biggest contribution to income came from commissions (49 %) and listing maintenance fees (43 %). Other operating income fell 4 %, with the major share accounted for by data dissemination (58 %), subsidies (12 %) and other income (11 %).

The 2017 operating expenses of the Group stood at HRK 28.4 mil., remaining at the same level as a year earlier. Staff costs were 11 % higher in 2017, amounting to HRK 10.9 mil. Other operating expenses came in at HRK 15.7 mil. or 7 % less than in 2016. Software and licences (HRK 6.5 mil.) and professional services (HRK 2 mil.) had the largest share in other operating expenses. The depreciation charge was reduced by 1.3 % to 1.8 mil. HRK in 2017.

The Group had a negative 2017 net result of HRK -3,755 thousand representing a decrease by 0.5 % compared to 2016.

#### 1.3 Significant events after the end of the financial year

There were no significant events after the end of the financial year that affected the reported results.

#### 1.4 Expected development of the Group

In 2017, the Group will press on with previously initiated projects, placing the greatest emphasis on the project of regional SME capital market development (Progress), project of further development of the platform aimed at fund-raising and investment into start-ups (Funderbeam SEE), as well as further development of the approved publication arrangement (APA) and further development of the SEE Link regional trading platform.

Activities related to MiFID II implementation, as well as a harmonisation of business with the General Data Protection Regulation (GDPR), will be undertaken in H1 2018.

#### 1.5 Research and Development activities

The Company has pressed on with continuous efforts at developing and improving its own service offering and at expending service provision to the Slovenian market as well.

#### 1.6 Acqusition of own shares

The Group was not the owner of its own shares on 31 December 2017. In 2017, the Group did not acquire its own shares.

#### 1.7 Zagreb Stock Exchange Group

SEE Link d.o.o. is a company seated in Skopje established by the Bulgarian, Macedonian and Zagreb Stock Exchanges in May 2014 with the aim of seeting up the regional infrastructure for trading in securities listed in those three exchanges, holding equal equity participations. The issued share capital of SEE LINK is 80,000 EUR and Zagreb Stock Exchange participates with 33.33%.

Ivana Gažić is a member of the Supervisory Board of SEE LINK. Ivan Steriev, CEO of the Macedonian Stock Exchange is the President of the Supervisory Board and Ivan Takev, CEO of the Bulgarian Stock Exchange is a member of the Supervisory Board.

On 30 December 2015, the Zagreb Stock Exchange took over a 100% participation in company Ljubljana Stock Exchange Inc. The issued share capital of Ljubljana Stock Exchange on 31 December 2016 is EUR 1,401,000, and the Zagreb Stock Exchange participates with 100%.

Ivana Gažić is the President of the Supervisory Board, while Patricia Bakšaj, Director of Legal Affairs and Compliance, Zagreb Stock Exchange, Tomislav Gračan, Member of the Management Board, Zagreb Stock Exchange, and Darja Jermaniš, Director of Market Operations, Ljubljana Stock Exchange are the memebers of the Supervisory Board.

Funderbeam South-East Europe d.o.o. is a company that the Exchange fonded in 2016 together with company Funderbeam Ventures OÜ. The issued share capital of the company on 31 December 2016 is 20,000 HRK, and the Exchage participates with 20%.

#### 1.8 Financial instruments

The Company is fully funded by its own capital. The financial instruments the Company invests in are investment funds (money market and bond funds) and deposits (a vista and fixed-term deposits).

#### 1.9 Business operation risks

Business operation risks of the Group are detailed in the notes to the financial statements (Note 23).

#### 1.10 Internal controls and risk management system of the Group

Internal controls system consists of procedures and processes for monitoring of business efficiency, financial reports reliability and legal compliance of the Group.

All employees, including the Management and Supervisory Board, are included in internal controls system enforcement.

Zagreb Stock Exchange and Ljubljana Stock Exchange enforce the internal controls system through two independent control functions: compliance with the relevant regulations function and internal audit function.

These control functions process and monitor the work of all organizational units, company activities and support services in their internal documents.

Risk management is a set of procedures and methods for determining, measuring, assesing, controlling and monitoring risks and also reporting on the risks to which the Exchange is or might be exposed in its operations.

In order to successfully manage risks that affect completion of Group's objectives, the Group assesses risks by identifying and analysing them.

Based on the risk assessment results, main areas that will be covered by internal audit procedures and measures that will prevent the occurrence of risky events have been established.

ZAGREBAČKA BURZA d.d

President of the Management Board

Tomislay Gravan
Member of the Management Board

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#### Statement on the application of the Corporate Governance Code

Pursuant to provision of Article 272, paragraph, in conjunction with provision of Article 250a, paragraph 4 of the Companies Act (Official Gazette no. 111/93, 34/99, 52/00, 118/03, 107/07, 148/08, 137/09, 125/11, 152/11, 111/12, 68/13, 110/15, hereinafter: CA) and provision of Article 22 of the Accounting Act (Official Gazette no. 78/15, 134/15 i 120/16, hereinafter: AA), the Management Board of company ZAGREB STOCK EXCHANGE Inc., Zagreb, Ivana Lučića 2a (hereinafter: the Company), on 25 April 2018, issued the following

# STATEMENT on the application of the Corporate Governance Code

- 1. The Company implements the Corporate Governance Code prescribed by the Croatian Financial Services Supervisory Agency and the Zagreb Stock Exchange Inc. Zagreb. The Code is published in Zagreb Stock Exchange website, <a href="https://www.zse.hr">www.zse.hr</a>.
- 2. In financial year 2017 the Company essentially complied with and implemented recommendations established by the Code, publishing all information as envisaged by the positive regulations as well as information that are in the interest of Company's shareholders. Detailed explanations regarding minor deviations from the recommendations of the Code are presented by the Company in the Annual Questionnaire that is provided.
- 3. In accordance with Code requests, and pursuant to provisions of the Companies Act and Capital Market Act, the Supervisory Board conducts internal supervision of the Company by conducting regular controls of prepared reports. Members of the Supervisory Board receive on regular basis detailed information on management and work of the Company. All issues under the competence of the Supervisory Board, as prescribed by the CA, Capital Market Act and Articles of Association of the Company, are discussed and decided upon in the Supervisory Board meetings. Supervisory Board Report is part of the Company's Annual Report presented to the General Assembly. In addition, the Supervisory Board performs internal controls and supervision through Audit Board that provides expert support to the Supervisory Board and the Management Board in the efficient execution of obligations relating to corporate governance, risk management, financial reporting and control of the Company. The Management Board is bound to monitor that the Company keeps business books and other books and business documents, prepares book-keeping documents, provides realistic assessments of the assets and liabilities, drafts financial and other reports in accordance with accounting regulations and standards and applicable laws and regulations.
- 4. Top ten shareholders on 31 December 2017.

	Shareholder	No. of	Equity in %
		shares	
1.	PBZ CO OMF	392.800	8,4734
2.	ICAM OUTFOX MACRO INCOME	277.100	5,9775
3.	INVESTCO D.O.O.	251.264	5,4202
4.	EBRD	240.000	5,1772
5.	SZAIF d.d.	228.000	4,9184
6.	Chromos Agro d.d.	193.700	4,1784
7.	Euro jezici d.o.o.	178.900	3,8592
8.	Auctor d.o.o.	174.600	3,7664
9.	Erste&Steiermarkische bank d.d.	152.800	3,2962
10.	HPB d.d.	133.800	2,8863
	Others	2.412.736	52,0468
	Total	4,635,700	100.00

Pursuant to the Articles of Association of the Company, shareholder's voting right is not limited to certain percentage or number of votes nor are there time limitations to acquire voting right. Each ordinary share provides a right to one vote in the General Assembly.

Rights and obligations of the Company deriving from the acquisition of own shares are met in accordance with the provision of the CA.

In 2017 the Company did not acquire own shares.

 Management Board of the Company consists of two members. Mrs Ivana Gažić performs duties of the President of the Management Board, and Mr Tomislav Gračan performs duties of the member of the Management Board.

The Management Board runs Company business operations in line with the Articles of Association and legal regulations.

The Management Board is appointed and dismissed by the Supervisory Board that consists of the following members:

- Dubravko Štimac, President
- Borislav Centner, Deputy President
- Nina Tepeš
- Ljiljana Blažev
- Dunja Babić
- Iva Galić (mandate expired on November 28, 2017)
- Enrique Bernardo Mariano
- Daniel Nevidal
- Ivan Tadin
- 6. Audit Board as a body of the Supervisory Board which provides expert support to the Supervisory Board and the Management board operates within the Company.

Audit Board appoints and dismisses the Supervisory Board, and it consists of the following members:

- Domagoj Hruška, President
- Daniel Nevidal
- Enrique Bernardo Mariano.

Pursuant to provisions of Article 250a, paragraph 4 and Article 272, paragraph of the CA, and Article 22 of the AA, this Statement is a special section and integral part of the Company's Annual Report for 2017.

President of the Management Board

ZAGREBAČKA BURZA d. Tomishy Gračan

Zagreb

Member of the Management Board

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#### Responsibilities of the Management Board for the Annual report

The Management Board of the Group is required to prepare consolidated financial statements for each financial year, which give a true and fair view of the consolidated financial position of the Group and of the results of its operations and cash flows, in accordance with International Financial Reporting Standards as adopted by the European Union. The Management Board is responsible for implementing and maintaining proper accounting records relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

The Management Board has a general responsibility for taking such steps as are reasonably available to it to safeguard the assets of the Group and to prevent and detect fraud and other irregularities.

The Management Board is responsible for selecting suitable accounting policies to conform to applicable accounting standards and then applying them consistently; making judgments and estimates that are reasonable and prudent; and preparing the consolidated financial statements on a going concern basis unless it is inappropriate to presume that the Group will continue in business.

The Management Board is also responsible for the preparation and content of the Management report and the statement of implementation of Corporate Governance Code, as required by the Croatian Accounting Act, and the rest of other information (together "other information").

The Management Board is responsible for the submission of the Annual report to the Supervisory Board which includes the consolidated financial statements and other information for acceptance, following which the Supervisory Board is required to consider, and if appropriate approve the annual financial statements for submission to the General Assembly for adoption.

The consolidated financial statements set on pages 15 to 49 and other information, set out on pages 1 to 7, are approved by the Management Board on 25 April 2018 and are signed and verified for the Supervisory Board.

ZAGREBAČKA BURZA d.d. Zagreb

Signed on behalf of the Zagrebačka burza d.d. Group:

Ivana Gažić

President of the

Management Board

Tomislav Gračan

Member of the

Management Board



# Independent Auditors' report to the shareholders of Zagrebačka burza d.d.

#### **Report on the Audit of the Financial Statements**

#### **Opinion**

We have audited the consolidated financial statements of Zagrebačka burza d.d. ("the Company") and its subsidiary (together referred to as "the Group"), which comprise the consolidated statement of financial position of the Group as at 31 December 2017, and the consolidated statements of comprehensive income, cash flows and changes in equity of the Group for the year then ended, and notes, comprising significant accounting policies and other explanatory information (further referred to as "the financial statements").

In our opinion, the accompanying financial statements give a true and fair view of the consolidated financial position of the Group as at 31 December 2017 and of its consolidated financial performance and its consolidated cash flows for the year then ended in accordance with International Financial Reporting Standards as adopted by the European Union ("EU IFRS").

#### **Basis for Opinion**

We conducted our audit in accordance with International Standards on Auditing. Our responsibilities under those standards are further described in the *Auditors' Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the Group in accordance with the ethical requirements that are relevant to our audit of the financial statements in Croatia and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

#### **Key Audit Matters**

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the financial statements of the current period. These matters were addressed in the context of our audit of the financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.



# Independent Auditors' report to the shareholders of Zagrebačka burza d.d. (continued)

#### Report on the Audit of the Financial Statements (continued)

**Key Audit Matters (continued)** 

#### Impairment of goodwill

Refer to page 23 (Group accounting policies), page 48 (Key accounting estimates and assumptions), page 37 (Intangible assets).

As at 31 December 2017, the carrying amount goodwill: HRK 1,183 thousands (31 December 2016: HRK 1,190 thousands) and no impairment losses recognized in 2017 (2016: nil).

#### **Key audit matter**

# As at 31 December 2017, the stated amount of goodwill in relation to the acquisition of Ljubljanska borza d.d., was HRK 1,183 thousand. Relevant accounting standards require that goodwill is tested, at least annually, for impairment.

The assessment of the recoverability of goodwill requires significant judgment in determining the forecast future performance of the cash generating units (CGUs) to which goodwill is allocated.

Management's impairment assessment involves significant estimation, primarily relating to the key assumptions for revenue growth rates, terminal growth rate and discount rates. The key assumptions applied by management are further described in Note 11 Intangible assets.

The subjectivity of the principal assumptions required an application of a significant amount of audit judgment and effort. Accordingly, we consider this area to be our key audit matter.

#### How our audit addressed the matter

Our audit procedures included the following:

- Evaluating the appropriateness of the Group's determination of CGUs to which goodwill is allocated;
- Assisted by our own valuation specialists, critically assessing the Group's assumptions and estimates used in value-in-use calculations to determine the recoverable amount of goodwill. This included, but was not limited to:
  - assessing the Group's discounted cash flow model for compliance with the relevant accounting standards;
  - assessing the reasonableness of key assumptions applied in the model (including those relating to revenue growth rate, terminal growth rate and discount rate) against market data derived from analyst and industry reports;
- Comparing the Group's forecast for the current year made as of 31 December 2016 to the current year's outcomes to assess the quality of management's forecasting process;
- Evaluating the Group's analysis of the sensitivity of the impairment tests' results, in particular in respect of the assumptions with the greatest potential effect on the test results, e.g. those relating to discount rates and operating profit adjusted by depreciation and amortization.
- Assessing whether the Group's disclosures about the CGU's, the key assumptions used and sensitivity of the outcome of the impairment assessment to changes in key assumptions reflected the risks inherent in the valuation of goodwill.



# Independent Auditors' report to the shareholders of Zagrebačka burza d.d. (continued)

#### Report on the Audit of the Financial Statements (continued)

**Key Audit Matters (continued)** 

#### Revenue recognition

Sales revenue for 2017: HRK 15,858 thousand (2016: HRK 15,447 thousand)

Refer to page 29 (Group accounting policies) and page 32 (sales revenue).

#### Key audit matter

The Group earns sales revenues from service fees, which primarily include trading commissions, quotation maintenance, as well as quotation and membership fees. These revenues are generally recognised as the related services are performed, generally when the underlying transactions occur, or, in the case of the quotation maintenance or membership fees, on a systematic basis over the year.

The process of revenue recognition is highly automated as it is mainly based on the application of fees from the published tariff on the underlying trading volumes or a number of quoted securities. Contracts entered into by the Group are of limited complexity and variety. However, there are a large number of transactions to be processed by the Group's IT systems. As such revenue recognition is an area of audit focus.

#### How our audit addressed the matter

Our audit procedures included the following:

- Understanding of the processes and controls associated with the revenue cycle;
- Assisted by our own IT specialists, testing selected automated controls over the integrity of transfers of transaction volumes between the Group's trading and reporting systems, as well as general IT controls;
- Assessing the Group's revenue recognition polices against relevant financial reporting standards;
- For trading commission revenue, on a sample basis, testing the recognition of revenue by reference to the appropriate fees derived from the published tariff and the number of underlying transactions or volumes of quoted securities derived from the stock exchange trading system;
- For a sample of customer contracts, testing the revenue from membership fees by inspecting contractual terms and independently recalculating the amount of revenue by reference to those terms;
- For all clients newly listed in 2017, independently recalculating the amount of quotation fees revenue by applying the published tariff.
- Inspecting manual journal entries posted to revenue accounts focusing on unusual and irregular items, or entries modified subsequent to the balance sheet date.



## Report on the Audit of the Financial Statements (continued) Other Information

Management is responsible for the other information. The other information comprises the Management Report and Corporate Governance Statement included in the Annual Report of the Group, but does not include the financial statements and our auditor's report thereon.

Our opinion on the financial statements does not cover the other information and, except to the extent otherwise explicitly stated in our report, we do not express any form of assurance conclusion thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated.

With respect to the Management Report and Corporate Governance Statement, we also performed procedures required by the Accounting Act in Croatia ("Accounting Act"). Those procedures include considering whether:

- the Management Report has been prepared in accordance with the requirements of Article 21 and 24 of the Accounting Act,
- the specific information in the Corporate Governance Statement required by Article 22, paragraph 1, items 3 and 4 of the Accounting Act ("relevant sections of the Corporate Governance Statement") has been prepared in accordance with the requirements of Article 22 of the Accounting Act; and
- the Corporate Governance Statement includes the information specified in Article 22, paragraph 1, items 2, 5, 6 and 7 of the Accounting Act.

Based solely on the work required to be undertaken in the course of the audit of the financial statements and procedures above, in our opinion:

- the information given in the Management Report and the relevant sections of the Corporate Governance Statement for the financial year for which the financial statements are prepared, is consistent, in all material respects, with the financial statements:
- the Management Report and the relevant sections of the Corporate Governance Statement have been prepared, in all material respects, in accordance with the requirements of Articles 21, 22 and 24 of the Accounting Act, respectively;
- the Corporate Governance Statement includes the information specified in Article 22 paragraph 1, items 2, 5, 6 and 7 of the Accounting Act.

In addition, in light of the knowledge and understanding of the entity and its environment obtained in the course of the audit, we are also required to report if we have identified material misstatements in the Management Report and Corporate Governance Statement. We have nothing to report in this respect.

## Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation of the financial statements that give a true and fair view in accordance in accordance with EU IFRS, and for such internal control as management determines is necessary to enable the preparation of the financial statements that are free from material misstatement, whether due to fraud or error.

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Report on the Audit of the Financial Statements (continued)
Responsibilities of Management and Those Charged with Governance for the Financial
Statements (continued)

In preparing the financial statements, management is responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Group's financial reporting process.

#### Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with International Standards on Auditing will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with International Standards on Auditing, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether
  due to fraud or error, design and perform audit procedures responsive to those risks, and
  obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion.
  The risk of not detecting a material misstatement resulting from fraud is higher than for
  one resulting from error, as fraud may involve collusion, forgery, intentional omissions,
  misrepresentations, or the override of internal controls.
- Obtain an understanding of internal control relevant to the audit 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 Group's internal controls.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Group to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated

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# Independent Auditors' report to the shareholders of Zagrebačka burza d.d. (continued)

financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

# Report on the Audit of the Financial Statements (continued) Auditors' Responsibilities for the Audit of the Financial Statements (continued)

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal controls that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditors' report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

#### **Report on Other Legal and Regulatory Requirements**

We were appointed by those charged with governance on 12 June 2017 to audit the consolidated financial statements of Zagrebačka burza d.d. for the year ended 31 December 2017. Our total uninterrupted period of engagement is 2 years, covering the periods ending 31 December 2016 to 31 December 2017.

#### We confirm that:

- our audit opinion is consistent with the additional report presented to the Audit Committee of the Company dated 18 April 2018;
- we have not provided any prohibited non-audit services (NASs) referred to in Article
  44 of the Audit Act. Further, we have not provided any non-audit services to the
  Company and its controlled entities which are not reported in the Management
  report and the financial statements. We also remained independent of the Company
  in conducting the audit.

The engagement partner on the audit resulting in this independent auditors' report is Katarina Kecko.

KPMG Croatia d.o.o. za reviziju

Croatian Certified Auditors Eurotower, 17th floor Ivana Lučića 2a 10000 Zagreb Croatia 25 April 2018

Katarina Kecko

Director, Croatian Certified Auditor

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This version of the Auditors' Report is a translation from the original, which was prepared in Croatian language. All possible care has been taken to ensure that the translation is an accurate representation of the original. However, in all matters of interpretation of information, views or opinions, the original language version takes precedence over this translation

#### **Consolidated Statement of comprehensive income**

for the year ended 31 December

	Notes	2017 HRK'000	2016 HRK'000
Income statement			
Sales revenue	4	15,858	15,447
Other operating income	5	8,369	8,758
Staff costs	6	(10,940)	(9,832)
Depreciation and amortization	10,11	(1,792)	(1,815)
Other operating expenses	7	(15,690)	(16,912)
Operating loss		(4,195)	(4,354)
Financial income	8	612	400
Financial expense	8	(9)	(6)
Net foreign exchange gain/(loss)		4	22
Net finance income		607	416
Share of loss of equity - accounted investees		(56)	(21)
Loss before tax		(3,644)	(3,959)
Income tax credit	9	(111)	184
Loss for the year		(3,755)	(3,775)
Other comprehensive income			
Items that may not be reclassified to profit or loss			
Revaluation of non-current asset		1,306	_
Deferred tax on revaluation of non-current			
asset		(150)	-
Items that are or may be reclassified to profit or loss			
Foreign operations – foreign currency translation differences		(43)	(217)
Total comprehensive loss for the year		(2,642)	(3,992)
Basic and diluted loss per share (in HRK)	18	(0,81)	(0.81)

The accounting policies and other notes set form an integral part of these consolidated financial statements.

## **Consolidated Statement of financial position** as at

	Notes	31 December 2017 HRK'000	1 January 2016 HRK'000
Assets			
Non-current assets			
Property and equipment	10	14,194	10,741
Intangible assets	11	2,891	4,015
Investment in associate and joint venture	12	121	177
Financial assets available for sale	13	197	236
Guarantee deposits		249	249
Long term deposits	15b	1,878	-
Borrowings from related parties		173	-
Deferred tax assets	9	297	329
Total non-current assets		20,000	15,747
Current assets			
Trade receivables and other assets	14	3,220	3,948
Prepaid expenses	40	509	3,870
Financial assets at fair value through profit or loss	13	18,217	8,084
Short-term deposits	15a	2,633	6,543
Cash and cash equivalents	16	1,849	15,097
Inventories Income tax receivable		10 5	14 64
Total current assets	-		_
	- -	26,443	37,620
Total assets	=	46,443	53,367
Equity and liabilities  Equity			
Issued share capital	17	46,357	46,357
Share premium		13,860	13,860
Legal reserves		141	141
Accumulated loss		(21,376)	(17,621)
Revaluation reserve		1,156	-
Translation reserve		(260)	(217)
Total equity	- -	39,878	42,520
Non-current liabilities			
Long-term financial liabilities	19	86	139
Deferred tax liability	9	240	84
Total non-current liabilities	- -	326	223
Current liabilities			
Trade and other payables	20	2,943	6,538
Short-term financial liabilities	19	60	61
Deferred income and other liabilities	21	3,236	4,025
Total current liabilities	-	6,239	10,624
Total equity and liabilities	-	46,443	53,367

The accounting policies and other notes form an integral part of these consolidated financial statements.

#### Consolidated Statement of changes in equity

	Issued share capital	Share premium	Legal reserves	Accumulated loss	Revalorizat ion reserve	Translation reserve	Total
	HRK'000	HRK'000	HRK'000	HRK'000	HRK'000	HRK'000	HRK'000
As at 1 January 2016	46,357	13,860	141	(13,846)			46,512
Loss for the year	-	-	-	(3,775)	-	-	(3,775)
Other comprehensive income Foreign operations –							
foreign currency translation differences			-	-	-	(217)	(217)
Total comprehensive loss for the year				(3,775)	-	(217)	(3,992)
As at 31 December 2016	46,357	13,860	141	(17,621)	-	(217)	42,520
As at 1 January 2017	46,357	13,860	141	(17,621)	-	(217)	42,520
Loss for the year Other comprehensive income	-	-	-	(3,775)	-	-	(3,775)
Revaluation of land and building, net of deferred tax Foreign operations – foreign currency	-	-	-	-	1,156	-	1,156
translation differences		-	-	-	-	(43)	(43)
Total comprehensive loss for the year		-	-	(3,775)	1,156	(43)	(2,642)
As at 31 December 2017	46,357	13,860	141	(21,376)	1,156	(260)	39,878

The accounting policies and other notes form an integral part of these consolidated financial statements.

#### **Consolidated Statement of cash flows**

for the year ended 31 December

	Notes	2017 HRK '000	2016 HRK '000
Cash flow from operating activities			
Loss before tax		(3,644)	(3,959)
Adjustments:	40.44	4 =00	
Depreciation and amortization	10,11	1,792	1,815
Unrealised gains from financial assets at fair value through profit or loss	10	(557)	(37)
Movement in impairment allowance for trade receivables		278	509
Impairment of available for sale bond		44	158
Dividend income		-	(49)
Interest income	8	(55)	(314)
Interest expense	8	9	6
Net foreign exchange gains		(4)	(22)
Provisions for unused holidays Write-offs		(7) 1,553	44 688
Loss from investment in joint venture		56	21
Tax expense		(111)	184
Other adjustments		(22)	(406)
Cash flow before changes in operating assets and liabilities		(668)	(1,362)
Changes in operating assets and liabilities			
Decrease / (increase) in trade receivables		1,214	(566)
Decrease / (increase) in prepaid expenses		3,361	(351)
Decrease / (increase) in inventories		4	(14)
(Decrease) / increase in trade and other payables		(3,516)	672
Decrease in deferred income and accrued expenses		(1,799)	(1,281)
Change in operating assets and liabilities		(736)	(1,540)
Income tax		14_	(78)
Net cash (outflow) from operating activities		(1,390)	(2,980)
Cash flow from investing activities			
Investment in associate		-	(4)
Purchase of equipment		(3,355)	(697)
Proceeds from disposal of equipment		-	326
Purchase of software		(713)	(754)
Purchase of units in open investment funds Disposal of units in open investment funds		(23,474) 13,902	(5,800) 3,033
Proceeds from investments in short-term deposits		3,910	21,142
Investments in deposits		(1,878)	(10,965)
Dividends received		-	49
Interest received		55	563
Net cash inflow from investing activities		(11,553)	6,893
Cash flow from financing activities			
Borrowings of loan principal		(173)	-
Long term loan repayment		(53)	-
Net cash inflows from financing activities		(226)	-
Net increase in cash and cash equivalents		(13,169)	3,913
Cash and cash equivalents at the beginning of the year		15,097	11,271
Changes in exchange rates on cash and cash equivalents		(79)	(87)
Cash and cash equivalents at the end of the year	16	1,849	15,097

The accounting policies and other notes form an integral part of these consolidated financial statements.

#### Notes to the consolidated financial statements

#### 1 Reporting entity

Zagrebačka burza d.d. ("the Company") is a company domiciled in Republic of Croatia and was registered at the Commercial Court in Zagreb on 5 July 1991. The address of the Company's registered office is Eurotower, 22nd floor, Ivana Lučića 2a/22, Zagreb, Croatia.

The business activities of the Company include: management of the regulated market; collection, processing and publishing of trading data; management of Multilateral Trading Facility; development, maintenance and disposition of computer software used for management of the regulated market and for collection, processing and publishing of the data on securities trading; organizing and providing professional trainings for participants of capital markets.

At the year end the Company was owned by 273 shareholders (2016: 303 shareholders). The Company does not have an ultimate parent company.

At 29 July 2016 General Assembly made a decision to split 46,357 ordinary shares of nominal value of HRK 1,000 into 4,635,700 ordinary shares of nominal value of HRK 10. The decision was effective as of 11 August 2016.

At 31 August 2016 all of the 4,635,700 issued ordinary shares were listed to the Official Market of Zagreb Stock Exchange.

The activities of the Company are regulated by Croatian Agency for Supervision of Financial Services ("HANFA") and the activities of the Ljubljanska borza d.d. are regulated by the Slovenian Securities Market Agency ("ATVP").

The Zagrebačka burza d.d. Group ("the Group") consists of Zagrebačka burza d.d., Zagreb, Republic of Croatia, foreign subsidiary Ljubljanska borza d.d., Ljubljana, Republic of Slovenia, foreign joint venture SEE Link d.o.o., Skopje, Republic of Macedonia and associate Funderbeam South-East Europe d.o.o., Zagreb, Republic of Croatia.

These financial statements comprise consolidated financial statements of the Group as defined in International Financial Reporting Standard 10 *Consolidated Financial Statements*. Zagrebačka burza d.d. prepares separate financial statements, which are published as a separate document.

#### 2 Basis of preparation

#### a) Statement of compliance

These financial statements have been prepared in accordance with International Financial Reporting Standards as adopted by European Union ("IFRS").

These financial statements were authorised for issue by the Management Board on 25 April 2018 for approval by the Supervisory Board.

#### b) Basis of measurement

Financial statements are prepared on a historical cost basis, except for financial assets at fair value through profit or loss which are measured at fair value.

#### 2 Basis of preparation (continued)

#### c) Functional and presentation currency

The financial statements are presented in the local currency, Croatian kuna ("HRK"), which is the currency of the primary economic environment in which the Company operates ("the functional currency"). The functional currency of Slovenian subsidiary is euro. All financial information presented in HRK has been rounded to the nearest thousand.

#### d) Use of estimates and judgments

The preparation of financial statements in conformity with IFRS requires management to make judgments, estimates and assumptions that affect the application of policies and reported amounts of assets and liabilities, income and expenses.

The estimates and associated assumptions are based on historical experience and various other factors that are believed to be reasonable under the circumstances, and given the information available at the date of preparation of the financial statements, the results of which form the basis of making judgments about carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimate is revised and in future periods affected.

Information about significant areas of estimation uncertainty and critical judgments in applying accounting policies that have a significant effect on the amounts disclosed in the financial statements are described in Note 26.

#### e) Foreign currency

#### i) Foreign currency translations

Transactions in foreign currencies are translated into respective functional currency at the spot exchange rate at the date of transactions.

Monetary assets and liabilities denominated in foreign currencies at the reporting date are translated into the functional currency at the spot exchange rate at that date. The foreign currency gain or loss on monetary items is difference between the amortized cost in the functional currency at the beginning of the year, adjusted for effective interest and payments during the year, and amortized cost in foreign currency translated at the spot exchange rate at the reporting date.

Non-monetary assets and liabilities that are measured at fair value in foreign currency are translated into the functional currency at the spot exchange rate at the date on which the fair value is determined. Non-monetary items are measured based on historical cost in a foreign currency are translated using the spot exchange rate at the date of the transaction.

Foreign currency differences arising on translation are recognised in profit of loss.

In addition to HRK, the most significant currency in which the Group has assets and liabilities is Euro. The exchange rate used for translation on 31 December 2017 was EUR 1 = HRK 7.513648 (31 December 2016: EUR 1 = HRK 7.557787). Exchange rate used for translation of Group's share in joint venture loss on 31 December 2017 was MKD 1 = HRK 0.122192 (31 December 2016: MKD 1 = HRK 0.122928).

#### 2 Basis of preparation (continued)

#### e) Foreign currency (continued)

#### ii) Foreign operations

The assets and liabilities of foreign operations, including goodwill and fair value adjustments arising on acquisition, are translated into HRK at the spot exchange rates at the reporting date. The income and expenses of foreign operations are translated into HRK at the annual average exchange rates.

Foreign currency differences are recognised in other comprehensive income, and accumulated in the foreign currency translation reserve (translation reserve).

When a foreign operation is disposed of such that control is lost, the cumulative amount in the translation reserve related to that foreign operation is reclassified to profit or loss as part of the gain or loss on disposal. If the Group disposes of only part of its interest in a subsidiary that includes a foreign operation while retaining control, then the relevant proportion of the cumulative amount is reattributed to NCI.

If the settlement of a monetary item receivable from or payable to a foreign operation is neither planned nor likely in the foreseeable future, then foreign currency differences arising on the item form part of the net investment in the foreign operation and are recognised in OCI, and accumulated in the translation reserve within equity.

#### 3 Significant accounting policies

#### a) Basis of consolidation

#### i) Business combinations

Business combinations are accounted for using the acquisition method as at the acquisition date, which is the date on which control is transferred to the Group. The Group controls an entity if it is exposed to, or has rights to, variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity.

The Group measures goodwill at the acquisition date as:

- the fair value of the consideration transferred; plus
- the recognised amount of any non-controlling interests in the acquiree; plus
- if the business combination is achieved in stages, the fair value of the pre-existing equity interest in the acquiree; less
- the net recognised amount (generally fair value) of the identifiable assets acquired and liabilities assumed.

When the total is negative, a bargain purchase gain is recognised immediately in profit or loss.

The consideration transferred does not include amounts related to the settlement of pre-existing relationships. Such amounts are generally recognised in profit or loss. Transaction costs related to the acquisition, other than those associated with the issue of debt or equity securities, that the Group incurs in connection with a business combination are expensed as incurred.

#### 3 Significant accounting policies (continued)

#### a) Basis of consolidation (continued)

#### ii) Subsidiaries

Subsidiaries are entities controlled by the Group. The Group controls an entity when it is exposed to, or has rights to, variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity. The financial statements of subsidiaries are included in the consolidated financial statements from the date on which control commences until the date on which control ceases.

#### iii) Interests in equity-accounted investees

The Group's interests in equity-accounted investees comprise interests in a joint venture and associate. A joint venture is an arrangement in which the Group has joint control, whereby the Group has rights to the net assets of the arrangement, rather than rights to its assets and obligations for its liabilities.

Interest in joint venture is accounted for using the equity method. It is initially recognised at cost, which includes transaction costs. Subsequent to initial recognition, the consolidated financial statements include the Group's share of the profit or loss and OCI of equity accounted investees, until the date on which joint control ceases.

Associates are entities over which the Group has significant influence but no control. Investments in associates are accounted for using the equity method of accounting in the consolidated financial statements and are initially recognised at cost.

The Group's share of its associates' post-acquisition gains or losses is recognised in the income statement and its share of their post-acquisition movements in reserves is recognised in reserves. The cumulative post-acquisition movements are adjusted against the carrying amount of the investment. When the Group's share of losses in an associate equals or exceeds its interest in the associate, including any other unsecured receivables, the Group does not recognise any further losses, unless it has incurred obligations or made payments on behalf of the associate.

#### iv) Loss of control

Upon the loss of control, the Group derecognises the assets and liabilities of the subsidiary, any non-controlling interest and other components of equity related to the subsidiary. Any surplus or deficit arising on the loss of control is recognised in the income statement. If the Group retains any interest in the previous subsidiary, then such interest is measured at fair value at the date that control is lost. Subsequently it is accounted for as an equity-accounted investee or in accordance with the Group's accounting policy for financial instruments (refer to accounting policy 3 c) Financial instruments) depending on the level of influence retained.

#### v) Transactions eliminated on consolidation

Intra-group balances, and income and expenses (except for foreign currency transaction gains or losses) arising from intra-group transactions, are eliminated in preparing the consolidated financial statements. Unrealised losses are eliminated in the same way as unrealised gains, but only to the extent that there is no evidence of impairment.

#### 3 Significant accounting policies (continued)

#### b) Equipment and intangible assets

Property and equipment are stated at historical cost or deemed cost less accumulated depreciation and impairment losses, except for owner-occupied property which have been measured according to the revaluation method. The latter method requires that property, whose fair value can be measured reliably, to be recognized at a revalued amount, being its fair value at the date of revaluation less any subsequent accumulated depreciation and subsequent accumulated impairment losses. The fair value of land and buildings is measured on the basis of market benchmarks, in an appraisal that is normally prepared by professionally qualified appraisers.

Subsequent cost is included in the asset's carrying amount or is recognised as a separate asset as appropriate, only when it is probable that future economic benefits associated with the item will flow to the Group and the cost of the item can be measured reliably. All other repairs and maintenance are charged to the income statement during the period in which they have incurred. Depreciation is provided on all assets except land and assets not yet brought into use on a straight-line basis at prescribed rates designed to write-off the cost over the estimated useful life of the asset.

The estimated useful lives are as follows:

Buildings	31 years
Computer and office equipment	4-7 years
Office furniture and equipment	5-7 years
Computer software	2-5 years
Trading system software	6-18 years
Leasehold improvements	period of lease

When an item of property is revalued, the carrying value of that asset is adjusted to the revalued amount so that the accumulated depreciation is eliminated against the gross carrying amount of the asset.

After initial recognition of property:

- if an asset's carrying amount is increased as a result of revaluation, the increase is recognized in Other comprehensive income and accumulated in equity under the revaluation reserve caption
- if the carrying amount is decreased as a result of revaluation, the decrease is recognized in Profit or loss
- if an asset's carrying amount is increased as a result of revaluation, the increase is recognized in Profit or loss to the extent that it reverses a revaluation decrease of the same property previously recognized in Profit or loss
- if the carrying amount is decreased as a result of revaluation, the decrease is recognized in Other comprehensive income to the extent of any credit balance existing in the revaluation reserve in respect of that asset

The useful life, the residual value and amortization methods are checked and corrected, if necessary, at each reporting date.

#### Goodwill

According to IFRS 3 *Business Combinations*, any excess of the cost of the acquisition over the acquirer's interest in the fair value of the identifiable assets and liabilities acquired on the date of the acquisition is presented as goodwill and recognised as an asset. Following initial recognition, goodwill is measured at cost less any accumulated impairment losses. Goodwill is reviewed for impairment at least annually or more frequently if events or changes in circumstances indicate that the carrying value may be impaired.

Impairment is determined by assessing the recoverable amount of the cash-generating unit (or the group of cash-generating units) to which the goodwill relates.

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#### 3 Significant accounting policies (continued)

#### b) Equipment and intangible assets (continued)

#### Goodwill (continued)

Where the recoverable amount of the cash-generating unit is less than the carrying amount of the unit, the impairment loss is allocated first to reduce the carrying amount of any goodwill allocated to the unit and then pro-rata to the other assets of the unit on the basis of the carrying amount of each asset in the unit. An impairment loss recognised for goodwill is not reversed in a subsequent period.

On disposal of the relevant cash-generating unit, the attributable amount of goodwill is included in the determination of the profit or loss on disposal.

#### c) Financial instruments

#### Classification and recognition

The Group classifies financial assets in the following categories: financial assets and liabilities at fair value through profit or loss; loans and receivables; and financial assets available for sale. The classification depends on the purpose for which the financial instruments were acquired. Management determines the classification of its financial instruments at initial recognition and re-evaluates this designation at every reporting date.

Financial assets at fair value through profit or loss

Financial assets at fair value through profit or loss are financial assets which are classified as held for trading or, on initial recognition, designated by the Group as at fair value through profit or loss. The Group does not apply hedge accounting.

Trading assets are those that the Group acquires or incurs principally for the purpose of sale and repurchase in the near term, or held as part of a portfolio which is managed for the purpose of making profit in the short term. Those include investments in open-ended investment funds.

#### Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. Loans and receivables comprise guarantee deposits with banks classified as "guarantee deposits", "short-term deposits" and "trade receivables and other assets".

#### Available-for-sale financial assets

Available-for-sale assets relate to equity and debt securities. Available for sale financial assets are initially recognized at fair value plus directly related transaction costs. They are subsequently measured at fair value, unless there is no reliable measure of fair value.

#### Recognition and de-recognition

Purchases and sales of financial assets at fair value through profit or loss and available-for-sale financial assets are recognized on the settlement date. Loans and receivables and other financial liabilities carried at amortized cost are recognized when financial assets are placed with borrowers or received from lenders.

The Group derecognizes financial assets when the contractual rights to receive cash flows from the financial asset have expired or when it loses control over the contractual rights on those financial assets. This occurs when the Group transfers substantially all the risks and rewards of ownership to another entity or when the rights are realized, surrendered or have been expired.

Financial assets at fair value through profit or loss and financial assets available-for-sale cease to be recognized at the settlement date. Loans and receivables are derecognized on the date of the transfer of funds by the Group.

Financial liabilities are derecognized when the financial liability ceases to exist, i.e. when obligations per liability have been fulfilled, cancelled or the liability has expired. If the terms of a financial liability change, the Group will cease recognizing the liability and will immediately recognize a new financial liability, with new terms and conditions.

#### 3 Significant accounting policies (continued)

#### c) Financial instruments (continued)

Initial and subsequent measurement

Financial assets and liabilities are initially recognized at fair value plus, in the case of a financial asset and liabilities not at fair value through profit or loss, transaction costs that are directly attributable to the acquisition or issuing of the financial asset or financial liability.

After initial recognition the Group measures financial instruments at fair value through profit or loss and financial assets available for sale at their fair value, without any deduction for selling costs. Equity securities classified as available-for-sale that are not quoted on an active market and whose fair value cannot be reliably determined are stated at cost less impairment.

Loans and receivables are measured at amortized cost less impairment losses, financial liabilities other than those at fair value through profit or loss are measured at amortized cost. Premiums and discounts, including initial transaction costs, are included in the carrying amount of the related instrument and they are amortized using the effective interest rate of the instrument.

Gains and losses from a change in the fair value of financial assets at fair value through profit or loss are recognized in the income statement.

Gains and losses from subsequent measurement

Gains and losses from a change in the fair value of available-for-sale financial assets are recognized in other comprehensive income. For monetary assets which are available for sale, impairment losses, foreign exchange rate gains and losses, interest income and amortization of premium or discount using the effective interest method are recognized in income statement.

Gains or losses arising from financial assets and financial liabilities carried at amortized cost are included in profit or loss over the period of amortization, using the effective interest rate method. Gains or losses may also be recognized in profit or loss when the financial instrument is derecognized or when its value is impaired.

Fair value measurement principles

The fair value of financial assets at fair value through profit or loss is quoted bid market price at the reporting date, without any deduction for selling costs. The Group takes into consideration every financial instrument separately in order to determine whether financial instrument quotes in an active market.

Fair value levels

The Group uses following levels for determining the fair value of financial instruments:

Level 1: quoted (unadjusted) prices in active markets,

Level 2: other techniques for which all inputs which have significant effect on the recorded fair value are observable, either directly or indirectly,

Level 3: techniques which use inputs which have a significant effect on the determination of fair value and which are not based on observable market data.

#### 3 Significant accounting policies (continued)

#### c) Financial instruments (continued)

Impairment of financial assets

At each reporting date the Group assesses whether there is objective evidence that the financial assets which are not classified as financial assets at fair value through profit or loss have been impaired. Financial assets are impaired when objective evidence indicates that a loss event has occurred after the initial recognition of the asset, and that the loss event has an adverse impact on estimated future cash flows.

The Group considers evidence of impairment on an asset-by-asset basis.

Objective evidence that financial assets are impaired include default or delinquency of a borrower, restructuring of a loan, or an advance received by the Group under the terms which the Group would not otherwise consider, indications that a borrower or issuer will enter bankruptcy, the disappearance of an active market for a security, or other observable data relating to a Group of assets, such as adverse changes in the payment status of borrowers or issuers in the Group, or economic conditions that correlate with defaults in the Group of the similar assets.

Impairment losses on assets carried at amortized cost are measured as the difference between the carrying amount of the financial assets and the present value of estimated cash flows discounted at the assets' original effective interest rate. Losses are recognized in profit or loss and recorded in an allowance account against relating asset. Interest income on the impaired asset continues to be recognized as unwinding of discount. When a subsequent event causes the decrease of the amount of impairment loss, the loss is reversed in income statement.

For investments classified as assets available for sale, a significant or prolonged decline in the fair value of the investment below its cost is considered in determining whether the assets are impaired. If any such indication exists for available-for-sale investments, the cumulative loss, measured as the difference between the acquisition cost and the current fair value on that financial asset is removed from other comprehensive income and recognized in income statement.

If, in a subsequent period, the fair value of a debt instrument classified as available for sale increases and the increase can be objectively related to an event occurring after the impairment loss was recognized in income statement, the impairment loss is reversed through income statement. Any subsequent recovery in the fair value of an impaired available-for-sale equity security is recognized in other comprehensive income, not in income statement.

Trade receivables, other assets and short-term deposits with banks

Trade receivables, other assets and short-term deposits with banks are initially recognized at fair value plus transaction costs, and subsequently carried at amortized cost less any impairment losses.

Investments in funds

Investments in open and close ended funds are classified as financial assets at fair value through profit or loss and are carried at fair value.

Trade payables and other liabilities

Trade and other payables are initially recognized at fair value, and subsequently measured at amortized cost.

#### 3 Significant accounting policies (continued)

#### d) Impairment of non-financial assets

The carrying amounts of the Group's assets are reviewed at each reporting date to determine whether there is any indication of impairment. If any such indication exists, the asset's recoverable amount is re-estimated.

The recoverable amount is estimated at each reporting date for intangible assets that have an indefinite useful life (at the reporting date the Group did not have such assets) and intangible assets that are not yet available for use.

Assets that are subject to amortization or depreciation are reviewed for impairment when events or changes in circumstances indicate that the carrying amounts may not be recoverable.

An impairment loss is recognized whenever the carrying amount of an asset or its cash-generating unit exceeds its recoverable amount. Impairment losses are recognized in income statement.

The recoverable amount of equipment and intangible assets is the higher of the asset's fair value less costs to sell and value in use. For the purpose of assessing the amount of impairment, assets are grouped at the lowest levels for which there are separately identifiable cash flows available (cash-generating units). In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset or cash-generating unit. Non-financial assets that have been impaired are reviewed for reversals of the impairment at each reporting date. An impairment loss is reversed if there has been a change in the estimates used to determine the recoverable amount and to the extent that the carrying amount of the assets does not exceed the carrying amount that would have been determined, net of depreciation, if no impairment loss had been recognized.

#### e) Leases

Payments made under operating leases are recognized in income statement on a straight-line basis over the term of the lease.

Leases where all the risks and rewards incidental to ownership of an asset are transferred to the lessee are classified as finance leases. A liability at an amount equal to the present value of the future lease payments, including any guaranteed residual value, is recognised. Finance expense is recognised in profit or loss over the term of the lease using the effective interest rate method.

#### f) Cash and cash equivalents

Cash and cash equivalents for the purpose of preparation of cash flow statements and the statement of financial position comprise gyro accounts, cash in hand and short term deposits with banks with original maturity up to three months.

#### g) Earnings per share

The Group presents basic and diluted earnings per share (EPS) data for its ordinary shares. Basic EPS are calculated by dividing the profit or loss attributable to ordinary shareholders of the Company by the weighted average number of ordinary shares outstanding during the period. Diluted EPS are determined by adjusting the profit or loss attributable to ordinary shareholders and the weighted average number of ordinary shares outstanding for the effects of all dilutive potential ordinary shares.

#### 3 Significant accounting policies (continued)

#### h) Employee benefits

Defined contribution pension plans

Obligations for contributions to defined contribution pension plans are recognized as an expense in income statement of the period in which they have been incurred.

#### i) Termination benefits

Termination benefits are recognised as an expense when the Group is committed demonstrably, without realistic possibility of withdrawal, to a formal detailed plan either to terminate employment before the normal retirement date, or to provide termination benefits as a result of an offer made to encourage voluntary redundancy. Termination benefits for voluntary redundancies are recognised if the Group has made an offer of voluntary redundancy, it is probable that the offer will be accepted, and the number of acceptances can be estimated reliably. If benefits are payable more than 12 months after the reporting date, then they are discounted to their present value.

#### ii) Short-term employee benefits

Short-term employee benefit obligations are measured on an undiscounted basis and are expensed as the related service is provided. A liability is recognised for the amount expected to be paid under short-term cash bonus or profit-sharing plans if the Group has a present legal or constructive obligation to pay this amount as a result of past service provided by the employee and the obligation can be estimated reliably.

#### i) Taxation

Income tax charge is based on taxable profit for the year and comprises current and deferred tax. Income tax is recognized in profit or loss except to the extent that it relates to items in other comprehensive income. Current tax is the expected tax payable on the taxable income for the year, using the tax rates enacted or substantially enacted at the reporting date, and considering the adjustments to tax payable in respect of positions from previous years.

Deferred taxes are calculated using the balance sheet method. Deferred income taxes reflect the net tax effects of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for income tax purposes. Deferred tax assets and liabilities are measured using the tax rates expected to apply to taxable profit in the years in which those temporary differences are expected to be realized, or settled, based on tax rates enacted or substantially in force at the reporting date.

Deferred tax assets and liabilities are not discounted and are classified as non-current assets and/or liabilities in the statement of financial position. Deferred tax assets are recognized when it is probable that sufficient taxable profits will be available against which the deferred tax assets can be utilized.

#### 3 Significant accounting policies (continued)

#### j) Provisions

A provision is recognized if, as a result of a past event, the Group has a present legal or constructive obligation which can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation. Provisions are determined by discounting of the expected future cash flows at a pre-tax rate that reflects current assessment of the time value of money and the risks specific to the liability.

#### Restructuring

A provision for restructuring is recognized when the Group has approved a detailed and formal restructuring plan, and the restructuring either has commenced or has been announced publicly. Future operating costs are not provided by the Group.

#### k) Issued share capital, share premium and reserves

Share capital represents the nominal value of paid-in shares classified as equity and it is denominated in HRK. Share premium represents the excess of the paid-in amount (net of transaction costs) and nominal value of the issued shares upon initial issue of shares. Any profit for the year after appropriations is transferred to retained earnings.

A legal reserve has been created in accordance with Croatian law, which requires 5% of the profit for the year to be transferred to the reserve until the total of legal reserves and capital reserves reaches 5% of issued share capital. The legal reserve can be used for covering current and prior period losses in the amount of up to 5% of issued share capital.

#### I) Revenue

Revenue comprises the fair value of the consideration received or receivable for the sale of the services in the ordinary course of the Group's activities, as follows: trading commissions, membership fees, fees for the maintenance of quotations and other fees.

Commission income is recognized when the service is provided. Income from fees is deferred over the relevant period to which the fees relate.

Income from maintenance of quotations, subscriptions for information and subscriptions for the real time monitoring of trade is deferred over the period of duration of the relevant quotation or subscription.

#### Finance income

Interest income is recognized in income statement in the corresponding time period for all interest-bearing financial instruments measured at amortized cost using the effective interest rate method.

#### 3 Significant accounting policies (continued)

#### m) Segment reporting

An operating segment is a component of the Group that engages in business activities from which it may earn revenues and incur expenses, including revenues and expenses that relate to transactions with any of the Group's other components, whose operating results are reviewed regularly by the Management Board of the Bank (being the chief operating decision maker) to make decisions about resources allocated to each segment and assess its performance, and for which discrete financial information is available.

The owners and the management (Chief operating decision makers –"CODM")) for the purpose of assessing performance and making resource allocations decisions identified operating segments on a geographical basis. Geographical segmentation is based on the domicile of the group subsidiaries.

The geographical information analyses the Group's revenue and non-current assets by the Group's country of domicile and other countries.

The Group does not specify any additional reportable segments per product or service type in this moment, given that it is sufficient for CODM to assess the performance and make resource allocation decision on the level of the entire group. Segment reporting analysis is presented in Note 25.

The Group has identified two primary segments: Croatia and Slovenia. The primary segmental information is based on the geographical location of business segments. Segmental results are measured at reported amounts in the financial statements.

## n) Standards, interpretations and amendments to published standards that are not yet effective and were not used in preparation of these financial statements

Several new and altered Standards and Interpretations have been issued by the International Accounting Standards Board ("IASB") and its International Financial Reporting Interpretations Committee, but are not applicable to entities reporting under IFRS as adopted by EU, for the year ended 31 December 2017, and have not been applied in preparation of these financial statements.

#### i) IFRS 15 Revenue from Contracts with Customers

IFRS 15 establishes a comprehensive framework for determining whether, how much and when revenue is recognised. It replaces existing revenue recognition guidance, including IAS 18 Revenue, IAS 11 Construction Contracts and IFRIC 13 Customer Loyalty Programmes. IFRS 15 is effective for annual periods beginning on or after 1 January 2018. The Group is assessing the potential impact on its financial statements resulting from the amendments. So far, the Group does not expect any significant impact.

The Group plans to adopt IFRS 15 in its financial statements for the year ending 31 December 2018, using the retrospective approach. As a result, the Group will apply all of the requirements of IFRS 15 to each comparative period presented and adjust its financial statements.

#### 3 Significant accounting policies (continued)

## n) Standards, interpretations and amendments to published standards that are not yet effective and were not used in preparation of these financial statements (continued)

#### ii) IFRS 9 Financial Instruments

IFRS 9, published in July 2014, replaces the existing guidance in IAS 39 Financial Instruments: Recognition and Measurement. IFRS 9 includes revised guidance on the classification and measurement of financial instruments, a new expected credit loss model for calculating impairment on financial assets and new general hedge accounting requirements. It also carries forward the guidance on recognition and derecognition of financial instruments from IAS 39. IFRS 9 is effective for annual reporting periods beginning on or after 1 January 2018.

Classification of financial assets and financial liabilities

IFRS 9 contains three principal classification categories for financial assets: measured at amortised cost, fair value through other comprehensive income (FVOCI) and fair value through profit or loss (FVTPL). IFRS 9 classification is generally based on the business model in which a financial asset is managed and its contractual cash flows. The standard eliminates the existing IAS 39 categories of held-to-maturity, loans and receivables and available-for-sale. IFRS 9 largely retains the existing requirements of IAS 39 for classification of financial liabilities.

Based on the Group's initial assessment, this standard is not expected to have a material impact on the classification of financial assets and financial liabilities of the Group. This is because:

- the financial instruments classified as held-for-trading under IAS 39 will continue to be classified as such under IFRS 9;
- and financial instruments currently measured at amortized cost are: cash balances, short-term deposits, guarantee deposit and trade receivables. These instruments meet the solely principal and interest criterion and are held in a held-to-collect business model. Accordingly, they will continue to be measured at amortized cost under IFRS 9.

#### Impairment of financial assets

IFRS 9 replaces the 'incurred loss' model in IAS 39 with an 'expected credit loss' model. The new impairment model also applies to certain loan commitments and financial guarantee contracts but not to equity investments. Under IFRS 9, credit losses are recognised earlier than under IAS 39.

Based on the Group's initial assessment, changes to the impairment model are not expected to have a material impact on the financial assets of the Group. This is because the financial assets at amortized cost are short-term (i.e. no longer than 12 months). Accordingly, the expected credit losses on such assets are expected to be small.

2017

2016

#### Notes to the consolidated financial statements (continued)

#### 4 Sales revenue

	2017 HRK '000	2016 HRK '000
Commissions	7,757	7,362
Income from quotation maintaining	6,767	6,616
Income from quotation fee	763	904
Membership fees	571	565
Total sales revenue	15,858	15,447

Commissions are charged from members based on value of realised transactions at the time of execution of the transaction.

Income from quotation maintenance represents an annual commission for the continuation of inclusion of the securities in the Official and Regular Market quotations.

Quotation fees are collected from issuers of securities on the Official and Regular Market.

Membership fees include one-time admission fee payable for acquiring the status of Exchange Member, as well as fees charged to existing members on a quarterly basis.

#### 5 Other operating income

6

	HRK '000	HRK '000
Income from application programming interface services	704	1,404
Income from the supply of information	4,878	4,495
Sale and lease of equipment	246	483
Income from seminars	603	671
Income from grant	1,021	264
Other income	917	1,441
Total other operating income	8,369	8,758
Staff costs		
	2017 HRK '000	2016 HRK '000
Salaries		
Net salaries	6,676	5,753
Payroll deductions	1,407	1,470
Payroll contributions	2,395	2,249
Total salaries	10,478	9,472
Other staff costs	462_	360
Total staff costs	10,940	9,832

The number of employees at the end of 2017 was 38 (2016: 34). Staff costs include HRK 989 thousand (2016: HRK 943 thousand) of defined pension contributions paid into obligatory pension funds. Contributions are calculated as a percentage of employees' gross salaries. In 2017 bonus payments in Ljubljanska borza d.d. amounted to HRK 201 thousand (2016: HRK 259 thousand). In 2017 bonus payments in Zagrebačka burza d.d. amounted to HRK 359 thousand (2016: HRK 0 thousand).

#### 7 Other operating expenses

	2017 HRK '000	2016 HRK '000
Software and licences	6,531	6,818
Professional services	2,042	2,357
Rental expenses	1,291	1,458
Post and telephone services	483	728
Utility expenses	831	836
Fees and charges	736	633
Entertainment	145	251
Business travel	149	147
Write off of software	616	688
Impairment of debt securities classified as available for sale	44	158
Impairment of trade receivables	278	509
Other expenses	2,544	2,329
Total other operating expenses	15,690	16,912

#### 8 Financial income and expense

a) Financial income	2017 HRK '000	2016 HRK '000
Net gains from financial assets at fair value through profit or loss Interest income Dividend income	557 55 	37 314 49
Total financial income	612	400
b) Financial expense		
Interest expense	(9)	(6)
Total financial expense	(9)	(6)
Net financial result	603	394

#### 9 Income tax

#### a) Income tax credit

	2017 HRK '000	2016 HRK '000
Current income tax expense Deferred income tax	<b>(73)</b> (38)	184
Total income tax credit	(111)	184

#### b) Reconciliation of accounting profit and current income tax liability

	2017 HRK '000	2016 HRK '000
Loss before tax	(3,644)	(3,959)
Tax calculated at 18% (2016: 20%)	(656)	(792)
Effects of different tax rates	7	(15)
Tax non-deductible expenses	113	219
Non-taxable income	(122)	(338)
Use of tax losses	(4)	· -
Tax losses from Zagrebačka burza d.d. not recognised as deferred	, ,	
tax assets	627	735
Effect of tax rate change in Slovenia from 17% to 19%	10	-
Consolidation adjustments	136	7
Income tax credit	(111)	(184)
Effective income tax rate	n/a	n/a

#### c) Tax losses carried forward

Gross tax losses arising from Zagrebačka burza d.d. amounting to HRK 11,182 thousand are available for offset against the future taxable profits of the Company at the end of 2017. A tax loss may be carried forward by the Company for five years subsequent to the year in which it arose, subject to review by the Ministry of Finance. At the end of 2016 the Company had HRK 11,062 thousand of tax loss available to be carried forward to subsequent years. At both reporting dates the Company did not recognise deferred tax assets in respect of tax losses carried forward, as it is uncertain when sufficient taxable profits will be available against which the deferred tax assets can be utilised.

At 31 December 2017 the Group did not recognize deferred tax assets in respect of temporary differences (unused holiday provisions, receivables impairment allowances) and carried forward tax losses on Zagrebačka burza d.d., as it is uncertain if taxable profits will be available against which the deferred tax assets can be utilised. For the next reporting date, the Group will re-evaluate assumptions for the recognition of deferred tax assets.

Tax losses can't be transferred and used within group members. Despite the existence of tax losses from previous periods, Ljubljana Borza d.d. had a current income tax expense of 13 thousand kuna, since tax losses in Slovenia can only be used up to 50% of the profit. Therefore Ljubljanska borza d.d. took advantage of tax losses of 20 thousand kuna.

# 9 Income tax (continued)

## c) Tax losses carried forward (continued)

At 31 December the gross tax losses available to be carried forward are as follows:

	2017	2016
	HRK '000	HRK '000
Up to 1 year	692	3,364
Up to 2 years	1,006	692
Up to 3 years	2,329	1,006
Up to 4 years	3,672	2,329
Up to 5 years	3,483	3,671
Total tax loss available to be carried forward	11,182	11,062

# d) Deferred tax assets/liabilities

At 31 December 2017 the Group recognised deferred tax assets arising from temporary differences (trade receivables, depreciation and tax losses carried forward) from Ljubljanska borza d.d.

## **Deferred tax assets**

as at	Trade receivables	Depreciation	Tax losses carried forward	Total
1 January 2016	68	7	73	148
Newly formed in 2016	28	3	153	184
Used in 2016.	(2)	-	-	(2)
Effects of changes in exchange rate		-	(1)	(1)
31 December 2016	94	10	225	329
1 January 2017	94	10	225	329
(decrease) / increase in deferred tax assets recognized in the income statement	(29)	2	(5)	(32)
Effects of changes in exchange rate	1	(1)	-	_
31 December 2017	66	11	220	297

#### **Deferred tax liabilities**

as at  1 January 2016	Fair value adjustment of property 86
Reduction of deferred tax liability	(2)
31 December 2016	84
1 January 2017 increase in deferred tax liabilities recognized	84 150
through other comprehensive income Reduction in deferred tax liability recognized in profit or loss	(3)
Changes in deferred tax liability due to changes in rates in Slovenia from 17% to 19%	9
31 December 2017	240

# 10 Property and equipment

	Land and building	Computers	Furniture and other equipment	Leasehold improvements	Under construction	Total
	HRK '000	HRK '000	HRK '000	HRK '000	HRK '000	HRK '000
Cost						
At 1 January 2016	9,679	6,065	2,907	1,118	-	19,769
Additions	14	146	326	-	399	885
Disposals	-	(10)	(569)	-	(326)	(905)
Effects of movements in exchange rate	(104)	-	56	-	-	(160)
At 31 December 2016	9,589	6,201	2,608	1,118	73	19,589
At 1 January 2017	9,589	6,201	2,608	1,118	73	19,589
Additions	1,943	8	671	154	579	3,355
Disposals	-	(622)	(24)	-	(652)	(1,298)
Effects of movements in	28	_	(31)	-	_	(3)
exchange rate Change in the fair value of the property	1,306	-	-	-	-	1,306
Termination of amortization due to revaluation of the property	(548)	-	-	-	-	(548)
At 31 December 2017	12,318	5,587	3,224	1,272	-	22,401
Accumulated depreciation At 1 January 2016		(5,639)	(2,229)	(1,085)	_	(8,953)
-					_	
Charge for the period	(277)	(111)	(124)	(15)	-	(527)
Disposals Effects of movements in	-	10	569	-	-	579
exchange rate	3	-	50	-	-	53
At 31 December 2016	(274)	(5,740)	(1,734)	(1,100)	-	(8,848)
At 1 January 2017	(274)	(5,740)	(1,734)	(1,100)	-	(8,848)
Charge for the period	(279)	(118)	(152)	(11)	-	(560)
Disposal	-	622	-	-	-	622
Effects of movements in exchange rate	5	-	26	-	-	31
Effects of movements in	548	-	-	-	-	548
exchange rate At 31 December 2017		(5,236)	(1,860)	(1,111)	-	(8,207)
Net book value at 31 December 2016	9,315	461	874	18	73	10,741
Net book value at 31 December 2017	12,318	351	1,364	161	-	14,194

The fair value change in the amount of HRK 1,306 thousand relates to the increase in value due to the revaluation of the building.

# 11 Intangible assets

	Software	Long-term deferred costs	Goodwill	Total
Cost	HRK '000	HRK '000	HRK '000	HRK '000
Cost				
At 1 January 2016	20,134	157	1,202	21,493
Additions	744	22	-	766
Write-offs	(2,885)	-	-	(2,885)
Effect of movements in exchange rates	(89)	(2)	(12)	(103)
At 31 December 2016	17,904	177	1,190	19,271
At 1 January 2017	17,904	177	1,190	19,271
Additions	689	20	· _	709
Write-offs	(15,293)	(4)	-	(15,297)
Effect of movements in exchange rates	(52)	(1)	(7)	(60)
At 31 December 2017	3,248	192	1,183	4,623
Accumulated amortization At 1 January 2016	(16,251)	_	_	(16,251)
Charge for the period	• • •			
Write-offs	(1,288) 2,197	-	-	(1,288) 2,197
Effect of movements in exchange rates	86			86
At 31 December 2016	(15,256)	-	-	(15,256)
At 1 January 2017	(15,256)	-	-	(15,256)
Charge for the period	(1,232)	-	_	(1,232)
Write-offs	14,704	-	-	14,704
Effect of movements in exchange rates	52	-	-	52
At 31 December 2017	(1,732)	-	-	(1,732)
Net book value				
At 31 December 2016	2,648	177	1,190	4,015
At 31 December 2017	1,516	192	1,183	2,891

Write-off of HRK 589 thousand relates to software which was not longer in use by the Group in 2017.

### 12 Investment in associate and joint venture

	31 December 2017 HRK '000	31 December 2016 HRK '000
Investment in SEE Link d.o.o. (33.33 %) Investment in Funderbeam South-East Europe d.o.o. (20 %)	121	173 4
Total investment in associates and joint venture	121	177

As at 31 December the Group's associate and joint venture were as follows:

				Hold	ling
	Company	Country	Native of business	2017	2016
				%	%
Joint venture	SEE Link d.o.o.	Macedonia	stock-exchange order routing	33.3	33.3
Associate	Funderbeam SEE d.o.o.	Croatia	finance intermediary	20	20

SEE Link d.o.o. is a joint venture (Zagrebačka burza d.d. has 1/3 ownership) that was founded in 2014. During 2016, all three owners paid in additional HRK 177 thousand in order to increase share capital of SEE Link d.o.o.

Summary of financial data for SEE Link d.o.o. is as follows:

	31 December 2017	31 December 2016
	HRK '000	HRK '000
Non-current assets	1,490	1,960
Current assets	445	739
Out of which Cash and cash equivalents	406	459
Total assets	1,935	2,699
Non-current liabilities	-	-
Current liabilities	361	2,180
Out of which Current financial liabilities	-	-
Total liabilities	361	2,180
Total revenues	979	749
Net interest (expense)/income	(1)	(1)
Income tax	-	-
Loss for the year	(156)	(62)

Group investing in an associate and a joint venture is carried out according to the equity method.

# 12 Investment in associate and joint venture (continued)

Funderbeam South-East Europe d.o.o. is an associate established in 2016, while in 2017 it started operations. Summary of financial data for Funderbeam South-East Europe d.o.o. is as follows:

	31 December 2017 HRK '000
Noncurrent assets	_
Current assets	676
Of which cash and cash equivalents	627
Total assets	676
Long term obligations	-
Short-term liabilities	1.001
Of which short-term financial liabilities	924
Total liabilities	1.001
Total revenue	554
Net interest (cost) / income	-
Income tax	-
Loss for the year	(344)

The Group has estimated that it doesn't have control over SEE Link d.o.o. and Funderbeam South-East Europe d.o.o. in accordance with the requirements of IFRS 10.

### 13 Financial assets

a) Financial assets available for sale	31 December 2017 HRK '000	31 December 2016 HRK '000
Investment in equity instruments	202	197
Investment in bonds	197	197
Impairment allowance for bonds	(197)	(158)
Impairment allowance for shares	(5)	-
	197	236
Movement in impairment allowance for trade receivables		
	2017	2016
	HRK '000	HRK '000
Balance at 1 January	(158)	-
Impairment loss	(44)	(158)
Total	(202)	(158)

Investment in bonds relate to bond acquired for uncollected receivables. In 2017 the Group recognised impairment on this bond, which was recorded directly in profit or loss account (Note 7), given significant decline in value of investment.

The investment in equity instruments is carried at cost, given that they do not have quoted price and its fair value cannot be reliably measured.

	31 December 2017 HRK '000	31 December 2016 HRK '000
b) Financial assets at fair value through profit or loss		
Shares in open-ended investment funds	18,217	8,084
	18,217	8,084

Shares in open-ended investment funds are classified as fair value level 1 as at 31 December 2017 and 31 December 2016.

#### 14 Trade receivables and other assets

	31 December 2017 HRK '000	31 December 2016 HRK '000
Trade receivables	5,072	4,769
Advances placed	54	47
Other assets	23	1,047
Impairment allowance	(1,929)	(1,915)
Total	3,220	3,948

In 2017 the Company launched SME Growth Market Project in cooperation with the European Bank for Reconstruction and Development ("EBRD"). The purpose of the grant is for consulting services for feasibility study of SME market stock exchange. As part of the project the Group recognised amount granted by the EBRD into other assets and into deferred income in the same amount.

Movement in impairment allowance for trade receivables

	2017 HRK '000	2016 HRK '000
Balance at 1 January Impairment loss Write off	(1,915) (427) 264	(1,406) (607)
Release of impairment allowance	149	98
Total	(1,929)	(1,915)

At the reporting date the Group had overdue receivables which were not impaired of HRK 569 thousand (31 December 2016: HRK 396 thousand). The Management holds these receivables to be fully recoverable.

## Overdue receivables not impaired as at 31 December 2017 (HRK '000):

< 90 days	<i>91-120</i> days	<i>121-180</i> days	181 - 360 days	>360 days
498	1	37	33	_

## Overdue receivables not impaired as at 31 December 2016 (HRK '000):

< 90 days	<i>91-120</i> days	121-180 days	181 - 360 days	>360 days
215	154	8	17	2

# 15a Short-term deposits

		31 December 2017 HRK '000	31 December 2016 HRK '000
	Short-term deposits with maturity over 3 months	2,633	6,543
	Total short-term deposits	2,633	6,543
15b	Long-term deposits		
		31 December 2017 HRK '000	31 December 2016 HRK '000
	Short-term deposits with maturity over 3 months	1,878_	<del>-</del> _
	Total short-term deposits	1,878	

Long-term deposit of EUR 250 thousand is a deposit in one business bank in Slovenia approved for 2 years at an interest rate of 0.45%.

# 16 Cash and cash equivalents

	31 December 2017 HRK '000	31 December 2016 HRK '000
Gyro account in foreign currency (EUR)	1,706	5,914
Gyro account in domestic currency	137	9,174
Cash in hand	6	9
Total cash and cash equivalents	1,849	15,097

### 17 Issued share capital

Share number movement:

	Number of shares	Nominal value of share capital in HRK	Issued share capital in HRK '000
1 January 2016	46,357	1,000	46,357
Issue of share capital	4,635,700	10	46,357
31 December 2016	4,635,700	10	46,357
1 January 2017 Share split	4,635,700	10	46,357
31 December 2017	4,635,700	10	46,357

All of the issued shares are authorized and fully paid in ordinary shares. On 31 August 2016, all of the issued shares were listed to the Official Market of Zagreb Stock Exchange.

As at 31 December 2017 the Group had 273 shareholders (2016: 303 shareholders) with ownership interests in the Group ranging between 0.01% and 8.47%.

### 18 Loss per share

Calculation of loss per share as at 31 December 2017 was based on the loss of HRK 3,755 thousands and a weighted average number of ordinary shares outstanding of 46,357,000, calculated as follows:

	31 December 2017	31 December 2016
Net loss for the period (HRK'000) Weighted average number of ordinary shares during the period	(3,755) 4,635,700	(3,775) 4,635,700
Basic and diluted loss per share (in HRK)	(0.81)	(0.81)

Diluted earnings per share are the same as basic given there is no potential dilution effect from any instruments.

#### 19 Financial liabilities

	31 December 2017 HRK '000	31 December 2016 HRK '000
Long-term financial liability	86	139
Short-term financial liability	60	61
Total financial liabilities	146	200

Financial liabilities relate to the finance lease of a motor vehicle acquired in 2017.

357

333

4,025

507

432

3,236

# Notes to the consolidated financial statements (continued)

Provisions for bonuses and severances of Ljubljanska borza d.d.

Total deferred income and accrued expenses

# 20 Trade and other payables

	31 December 2017 HRK '000	31 December 2016 HRK '000
Trade payables	1,552	4,873
VAT liability	30	524
Other short-term payables	1,361	1,141
Total trade and other payables	2,943	6,538
Deferred income and other liabilities		
	31 December 2017 HRK '000	31 December 2016 HRK '000
Deferred income from quotation maintaining	2,297	2,307
Deferred income from grant agreement	-	1,028

## 22 Operating leases

Other deferred income

21

Total future minimum lease payments under non-cancellable operating leases are as follows:

		ecember 20 HRK '000	17	31 December 2016 HRK '000		
	Office space	Motor vehicles	Total	Office space	Motor vehicles	Total
Less than one year	710	78	788	735	104	839
Between one and five years  More than five years	234	86	320	943	156	1,099
Total operating leases	944	164	1,108	1,678	260	1,938

### 23 Financial instruments - risk exposures

#### Interest rate risk

The Group does not have significant amount of variable interest-bearing assets. The most significant interest-earning assets are short-term deposits in banks. Interest-bearing liabilities relate to finance lease which outstanding amount of HRK 200 thousand does not represent significant interest rate risk. The impact of changes in market interest rates on income statement is therefore assessed as not significant. As at 31 December 2017 remaining maturity of deposit with fixed interest rate is short-term and therefore the Management of the Group believes that fair value of this deposit is close to its carrying value.

#### Foreign currency risk

Except for HRK 740 thousand (2016: HRK 2,810 thousand) of the funds on the gyro account denominated in euro, trade receivables in amount of HRK 31 thousand and HRK 12 thousand of trade payable denominated in euro, there are no other financial assets and liabilities denominated in foreign currency. Thus the Group is not significantly exposed to foreign currency risk.

#### Credit risk

The maximum net exposure to credit risk is as follows:

	31 December 2017 HRK '000	31 December 2016 HRK '000
Cash and cash equivalents (excluding cash in hand)	1,843	15,088
Short-term deposits	2,633	6,543
Trade receivables and other assets	3,220	3,948
Guarantee deposits	249	249
Long-term deposits	1,878	-
Loans given to related party	173	-
Debt securities available-for-sale	<del>-</del>	39
	9,996	25,867

The Group generally does not take collateral due to the nature of its operations. Other than short-term deposit and cash in domestic banks (Note 15, 16), the Group did not have significant concentration of credit risk at the reporting date.

### 23 Financial instruments - risk exposures (continued)

Price risk

Price risk is the risk that the value of financial instrument will fluctuate as a result of changes in market prices, whether caused by factors specific to an individual investment, its issuer, or by factors affecting all instruments traded in the market. The Group's investment in open-ended investment funds (cash funds) are carried at fair value with fair value changes recognized in income statement. Accordingly, such changes in market conditions will directly affect gains or losses on financial instruments recognized in income statement.

Price risk is mitigated by the Group through diversification of its portfolio of investments in open-ended investment funds to various types of funds, managed by different investment companies, and investing in cash funds. Assuming all other variables unchanged, a decrease/increase in the market price of units in investment funds by -/+1% at the reporting date would result in decrease/increase of profit before tax by HRK 182 thousand (2016: HRK 81 thousand).

Liquidity risk

The Group does not have interest-bearing borrowings. Cash and cash equivalents and financial assets at the reporting date significantly exceed liabilities. During the year the Group had satisfactory liquidity position. Financial liabilities which include trade and other payables and deferred income and accrued expenses have maturity up to one year.

### 24 Related parties

The Group considers that it has an immediate related party relationship with its key shareholders, joint venture and associate, the Supervisory and Management Board members and other executive management (together "key management"); close family members of key management; and jointly controlled by Management Board members and their close family members, in accordance with definitions contained in International Accounting Standard 24 "Related Party Disclosures" ("IAS 24").

As at 31 December 2017, the Group has no obligation to key shareholders that relates to funds on transactions accounts and no obligation for rendered services.

During 2017 the Company granted to Funderbeam South-East Europe d.o.o. two loans in the amount of HRK 150 thousand and EUR 3 thousand, with a one-time repayment upon maturity in 2020 (2016: HRK 0). Also during 2017 the Company had HRK 31 thousand expenses towards SEE link d.o.o. (2016: HRK 0).

Remuneration to key management (together Zagrebačka burza d.d. and Ljubljanska borza d.d.) throughout the year was HRK 3,148 thousand (2016: HRK 3,968 thousand). The total remuneration of Supervisory Board members amounted to HRK 47 thousand (2016: HRK 48 thousand).

# 25 Segment reporting

In presenting the geographic information, segment revenue has been based on the geographic location of customers and segment assets were based on the geographic location of the assets.

HRK '000			2016		
	Croatia	Slovenia	Reportable segments total	Adjustments	Consolidation totals
External revenues Staff costs	13,522 (5,717)	10,682 (4,115)	24,204 (9,832)	-	24,204 (9,832)
Depreciation and amortization	(1,357)	(4,113)	(1,800)	(15)	(1,815)
Other operating expenses	(11,265)	(5,647)	(16,912)	-	(16,912)
Financial income	380	20	400	-	400
Financial expense	(1)	(5)	(6)	-	(6)
Net foreign exchange gain/(loss)	34	-	34	(12)	22
Segment (loss)/profit before tax	(4,404)	492	(3,912)	(47)	(3,959)
Segment income tax credit	-	184	184	-	184
Segment (loss)/profit for the year	(4,404)	674	(3,728)	(47)	(3,775)
Capital expenditure	642	1,009	1,651	-	1,651
HRK '000			2017		
HRK '000	Croatia	Slovenia	2017 Reportable segments total	Adjustments	Consolidation totals
External revenues	14,002	10,741	Reportable segments total		totals 24,743
External revenues Staff costs			Reportable segments total		totals
External revenues Staff costs Depreciation and	14,002	10,741	Reportable segments total		totals 24,743
External revenues Staff costs	14,002 (6,348)	10,741 (4,592)	Reportable segments total 24,743 (10,940)	Adjustments - -	totals 24,743 (10,940)
External revenues Staff costs Depreciation and amortization	14,002 (6,348) (1,245)	10,741 (4,592) (531)	Reportable segments total 24,743 (10,940) (1,776)	Adjustments - -	24,743 (10,940) (1,792)
External revenues Staff costs Depreciation and amortization Other operating expenses Financial income Financial expense	14,002 (6,348) (1,245) (10,733)	10,741 (4,592) (531) (4,957)	Reportable segments total  24,743 (10,940) (1,776) (15,690)	Adjustments - -	24,743 (10,940) (1,792) (15,690)
External revenues Staff costs Depreciation and amortization Other operating expenses Financial income Financial expense Net foreign exchange gain/(loss)	14,002 (6,348) (1,245) (10,733) 568	10,741 (4,592) (531) (4,957) 44	Reportable segments total  24,743 (10,940) (1,776) (15,690) 612	Adjustments - -	24,743 (10,940) (1,792) (15,690) 612
External revenues Staff costs Depreciation and amortization Other operating expenses Financial income Financial expense Net foreign exchange gain/(loss) Segment (loss)/profit before tax	14,002 (6,348) (1,245) (10,733) 568 (1)	10,741 (4,592) (531) (4,957) 44 (8)	Reportable segments total  24,743 (10,940) (1,776) (15,690) 612 (9)	Adjustments (16) (588)	24,743 (10,940) (1,792) (15,690) 612 (9)
External revenues Staff costs Depreciation and amortization Other operating expenses Financial income Financial expense Net foreign exchange gain/(loss) Segment (loss)/profit before tax Segment income tax credit	14,002 (6,348) (1,245) (10,733) 568 (1)	10,741 (4,592) (531) (4,957) 44 (8)	Reportable segments total  24,743 (10,940) (1,776) (15,690) 612 (9)	Adjustments (16)	totals  24,743 (10,940) (1,792) (15,690) 612 (9)
External revenues Staff costs Depreciation and amortization Other operating expenses Financial income Financial expense Net foreign exchange gain/(loss) Segment (loss)/profit before tax	14,002 (6,348) (1,245) (10,733) 568 (1)	10,741 (4,592) (531) (4,957) 44 (8)	Reportable segments total  24,743 (10,940) (1,776) (15,690) 612 (9) 4 (3,056)	Adjustments (16) (588)	totals  24,743 (10,940) (1,792) (15,690) 612 (9) 4 (3,644)

### 26 Key accounting estimates and assumptions

The Management Board uses estimates and assumptions concerning the future events. The resulting accounting estimates will therefore, by definition, seldom equal the actual results. The estimates and judgments which have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are discussed below.

#### Impairment of trade receivables

Trade receivables are estimated at each reporting date and are impaired according to the estimate of probability of collection. Each customer is evaluated individually based on the expected date of collection of the amount due and estimated probability of collection of the outstanding amount. The Management holds that trade receivables are stated at their recoverable amount at the reporting date.

#### Income tax

The Group provides for tax liabilities in accordance with the tax laws of the Republic of Croatia. Tax returns are subject to the approval of the tax authorities who are entitled to carry out subsequent inspections of taxpayers' records. There are different possible interpretations of tax laws; therefore amounts in the financial statements may be changed subsequently depending on the decision of the tax authorities.

Useful life of property and equipment and intangible assets

The Group reviews the estimated useful lives of property and equipment and intangible assets at the end of each reporting period.

Classification of investment in joint venture

The Group has assessed that investment in SEE Link d.o.o. represents investment in joint venture considering that the Group has rights to the net assets of the arrangement.

#### Impairment of goodwill

The Group determines whether goodwill is impaired at least on an annual basis, in accordance with accounting policy 3b. This requires an estimation of the value in use of the cash-generating units to which the goodwill is allocated. Estimating the value in use requires the Group to make an estimate of the expected future cash flows from the cash-generating unit and also to choose a suitable discount rate in order to calculate the present value of those cash flows.

The recoverable amount of cash generating units is determined based on value-in-use calculations. These calculations use cash flow projections from financial budgets approved by management and cover a period of five years.

#### Goodwill

Goodwill relates entirely to goodwill arising on acquisition of the subsidiary Ljubljanska borza d.d. The Group annually performs an impairment test in order to assess whether the recoverable amount of goodwill indicates potential impairment of its carrying amount. The calculation of the recoverable amount of goodwill is based on five year plans for revenue on the Slovenian market and business plans of the subsidiary developed by the Group bearing in mind it's corporate and marketing strategy, relevant markets trends.

The calculation of the recoverable amount implies a terminal growth rate for cash flows after the projected five year period amounting to 2%. Cash flows created from such plans are discounted using the discount rate which reflects the return of the underlying asset, which is defined for the purposes of the goodwill impairment test as a weighted cost of capital for the Slovenian market.

The sensitivity analysis indicates that an impairment loss in respect of goodwill arising on acquisition of Ljubljanska borza d.d. would arise in case of increase of the weighted average cost of capital by 700 basis points (assuming an unchanged terminal growth rate) an impairment loss would arise in the amount of HRK 291 thousand.

### 26 Key accounting estimates and assumptions (continued)

Goodwill (continued)

The calculations of value in use for the CGU is most sensitive to the following assumptions:

Revenue and gross margins - Revenue and gross margins are based on average values achieved in the recent years preceding to the start of the business plan period. These are increased over the business plan period for anticipated expansion in business, synergies and efficiency improvements.

Growth rates - The business plan terminal growth rates are based on market outlook. Average revenue growth rate for business plan period is 2.09%.

Discount rates - Discount rates represent the current market assessment of the risks specific to the CGU. This is the benchmark used by the Group to assess operating performance and to evaluate future investment proposals.

#### 27 Audit fees

The audit fee for the financial statements of the Group amounted to HRK 138 thousand (2016: HRK 132 thousand). KPMG has provided other consulting services which mainly related to to the launch of SME Growth Market Project. The project consulting services were financed by the grant from European Bank for Reconstruction and Development ("EBRD").

### 28 Events after the Reporting Period

No other events or transactions have occurred since 31 December 2017 or are pending that would have a material effect on these separated financial statements at that date or for the period then ended, or that are of such significance in relation to the Company's affairs to require mention in a note to the separate financial statements.