

Registration Document

THIS IS A NON-BINDING ENGLISH TRANSLATION OF THE ISSUERS' "REGISTRIERUNGSFORMULAR 2020/2021 VOM 29. JUNI 2020 FÜR FORDERUNGSPAPIERE (OHNE DERIVATE) UND FÜR DERIVATE", PUBLISHED IN GERMAN. THE GERMAN TEXT SHALL BE AUTHORITATIVE AND BINDING. THE ENGLISH LANGUAGE TRANSLATION IS PROVIDED FOR CONVENIENCE ONLY

dated

June 29, 2021

for

Securities (excluding Derivatives) and for Derivatives

of

Zürcher Kantonalbank

and

Zürcher Kantonalbank Finance (Guernsey) Limited

This document has been prepared for the purpose of disclosing information relating to Zürcher Kantonalbank (hereinafter also referred to as "**ZKB**") and Zürcher Kantonalbank Finance (Guernsey) Limited (hereinafter also referred to as "**ZKB Guernsey**") (together the "**Issuers**" and each an "**Issuer**") and constitutes a registration document (together with any amendments and/or supplements relating to it, the "**Registration Document**") within the meaning of article 44 para. 2 lit. a of the Swiss Federal Financial Services Act of 15 June 2018, as the same may be amended from time to time ("**FinSA**"; *Finanzdienstleistungsgesetz*) in conjunction with article 55 para. 2 and Annexes 2 and 3 of the Swiss Financial Services Ordinance of 6 November 2019, as the same may be amended from time to time ("**FinSO**"; *Finanzdienstleistungsverordnung*).

The Registration Document is dated June 29, 2021 and was approved by SIX Exchange Regulation Ltd. as review body pursuant to article 52 FINSA on 25 June 2021. The Registration Document serves as the basis for (a) the Base Prospectus of ZKB and ZKB Guernsey for the Issuance of Structured Products consisting of the relevant summary and the relevant securities description, which refer to this Registration Document, as well as this Registration Document (the "**Base Prospectus for Structured Products**"), and prospectuses consisting of the Base Prospectus for Structured Products and the relevant Final Terms within the meaning of article 45 para. 3 FINSA and article 56 FINSO, for issues thereunder, and (b) the Base Prospectus of ZKB for bonds and money market instruments, consisting of the relevant summary and the relevant securities description, which refer to this Registration Document, and this Registration Document (the "**Base Prospectus for Bonds and Money Market Instruments**"), and prospectuses consisting of

the Base Prospectus for Bonds and Money Market Instruments and the relevant Final Terms within the meaning of article 45 para. 3 FINSA and article 56 FINSO, for issues thereunder, as well as (c) other prospectuses consisting of several individual documents within the meaning of article 44 FINSA (including base prospectuses consisting of several documents) as well as other prospectuses for the issue by ZKB or ZKB Guernsey of Securities (excluding Derivatives) or Derivatives, which refer to this Registration Document.

This Registration Document may be supplemented from time to time. Any statement contained in a supplement to this Registration Document (including any information incorporated by reference into this Registration Document) shall be deemed, to the extent applicable (whether explicitly, implicitly or otherwise), to be a supplement, modification or replacement of any statement contained in this Registration Document (including any information incorporated by reference into this Registration Document). Any statement amended or replaced by way of such a supplement no longer constitutes a part of this base prospectus and the amended or replaced statement or information shall be binding.

This Registration Document is available on the freely accessible website of the Zürcher Kantonalbank (<https://zkb-finance.mdgms.com/products/stp/service/emission/index.html>) (or any succeeding internet website).

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(constitute an integral part of this Registration Document)

ANNEX 1A (Financial statements 2019 of Zürcher Kantonalbank Finance (Guernsey) Limited)

ANNEX 1B (Financial statements 2020 of Zürcher Kantonalbank Finance (Guernsey) Limited)

MATERIAL RISKS RELATING TO THE ISSUERS

The following sections describe risks which the Issuers consider to be material and which could have an adverse effect on the financial results or financial situation of the Issuers and which could result in the Issuers being fully or partly unable to meet their obligations in connection with the Securities (excluding Derivatives) or the Derivatives (hereinafter referred to as the "**Instruments**").

If one or more of the following risk(s) manifest(s), investors in Derivatives or other Securities may lose all or part of their capital invested in such Instruments and any expected return on such investments.

In any event, the material risks described below should be read in conjunction with the other material risks described and other information contained in the relevant securities description and final terms relating to the relevant Instruments as well as in other prospectuses and any other information contained in this Registration Document.

A. Zürcher Kantonalbank

I. Liquidity risk

Liquidity as well as quick access to financial resources is of crucial importance for Zürcher Kantonalbank. The liquidity of Zürcher Kantonalbank could be adversely affected if ZKB is permanently unable to gain access to the capital markets or to sell its assets, if its liquidity costs rise very sharply or if its customers withdraw a substantial amount of their deposits within a short period of time without Zürcher Kantonalbank's claims (e.g. from mortgages or bank loans) being satisfied to the same extent (bank run). As a result of a liquidity shortage, Zürcher Kantonalbank may have difficulties to meet its payment obligations under the Instruments and the Swiss Financial Market Supervisory Authority FINMA ("**FINMA**") could order protective or other measures. This could result in losses for investors in the Instruments.

II. Insolvency risk

Zürcher Kantonalbank is particularly exposed to the risk of unfavourable economic developments in Switzerland and the Zurich area.

These developments could affect the creditworthiness of customers and thus the credit risk of Zürcher Kantonalbank. The credit risk is an integral part of many of Zürcher Kantonalbank's business activities, including its credit and derivative business. The default of a large number of counterparties or debtors of Zürcher Kantonalbank, possibly combined with a decline in the value of collateral such as securities or promissory notes provided by such persons, could result in substantial losses.

Zürcher Kantonalbank is also exposed to considerable legal risks. It may be exposed to adverse decisions of courts and other governmental authorities that could have a significant negative impact on public perception and reputation, lead to regulatory action by supervisors or to orders by competent courts which could have the effect that Zürcher Kantonalbank becomes over-indebted or faces serious liquidity problems.

As a result of substantial losses incurred by Zürcher Kantonalbank, FINMA could order measures, including those within the scope of reorganisation proceedings initiated by it, or resolve the liquidation of Zürcher Kantonalbank. As a result, investors in Instruments could suffer significant losses.

B. Zürcher Kantonalbank Finance (Guernsey) Limited

Zürcher Kantonalbank Finance (Guernsey) Limited is a special purpose vehicle of Zürcher Kantonalbank which has only a limited amount of capital. Zürcher Kantonalbank Finance (Guernsey) Limited is therefore largely dependent on Zürcher Kantonalbank and the risks relevant for Zürcher Kantonalbank Finance (Guernsey) Limited

essentially correspond to those of Zürcher Kantonalbank due to the Keep-Well Agreement entered into between Zürcher Kantonalbank Finance (Guernsey) Limited and Zürcher Kantonalbank.

FORWARD-LOOKING STATEMENTS

This Registration Document and the documents incorporated by reference into to this Registration Document (see section "Incorporation by reference" below) contain or refer to forward-looking statements. Words such as "believe", "expect", "plan", "estimate", "anticipate", "intend", "seek", "assume", "may", "could", "will" and similar expressions are intended to identify such forward-looking statements but are not the only means of identifying them. Forward-looking statements contained in this Registration Document or incorporated by reference into this Registration Document are based on assumptions and expectations which Zürcher Kantonalbank considers realistic at the present time but which are uncertain and may prove to be incorrect. For a description of the material risks relating to the Issuers, please refer to section "Material risks relating to the Issuers" above.

Should one or more of these material risks materialize, or should the assumptions underlying the description of a material risk prove to be incorrect, the actual consequences and results may differ substantially from the current assessment. Potential investors should therefore not rely in any way on forward-looking statements. Unless required by the FinSA or other applicable securities laws and regulations, the Issuers assume no obligation to update or amend any forward-looking statements or the description of the material risks, even if they become incorrect or misleading as a result of new information, future events or other circumstances.

GENERAL INFORMATION ON ZÜRCHER KANTONALBANK AND ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

A. Zürcher Kantonalbank

I. Company name, registered office and place of head office

Zürcher Kantonalbank has its registered office and head office at Bahnhofstrasse 9, 8001 Zurich.

II. Formation, duration

Zürcher Kantonalbank was formed in 1870 on the basis of the Banking Act of 1869. The duration of Zürcher Kantonalbank is not limited.

III. Jurisdiction, legal form

Zürcher Kantonalbank is an independent public law institution of the Canton of Zurich (selbstständige öffentlich-rechtliche Anstalt des Kantons Zürich) and is subject to the supervision of the Cantonal Council of the Canton of Zurich ("**Cantonal Council**"; Kantonsrat des Kantons Zürich). The existence of Zürcher Kantonalbank is based on the Law on the Zürcher Kantonalbank of September 28, 1997 ("**Cantonal Bank Act**"; Gesetz über die Zürcher Kantonalbank), which entered into force on January 1, 1998.

As a bank, Zürcher Kantonalbank is subject to the Federal Law on Banks and Savings Banks of November 8, 1934, ("**Banking Act**"; Bundesgesetz über die Banken und Sparkassen) and therefore to the supervision of the FINMA.

The Canton of Zurich is liable for all liabilities of Zürcher Kantonalbank to the extent that Zürcher Kantonalbank's own funds are insufficient, with the exception of subordinated liabilities (§ 6 para. 1 and 2 of the Cantonal Bank Act).

IV. Purpose

In accordance with the statutory purpose article, Zürcher Kantonalbank contributes to solving economic and social challenges in the Canton of Zurich and supports an environmentally sustainable development. It pursues a business policy based on continuity and satisfies investment and financing needs. In doing so, it takes particular account of the interests of small and medium-sized enterprises, employees, agriculture and public bodies. In addition, Zürcher Kantonalbank promotes home ownership and low-cost housing construction (§ 2 of the Cantonal Bank Act).

V. Register

Zürcher Kantonalbank has been entered into the commercial register of the Canton of Zurich as a public law institution (*öffentlich-rechtliche Anstalt*) on April 24, 1883. The registration number of Zürcher Kantonalbank is CHE-108.954.607.

VI. Rating

As at the date of this Registration Document, the ratings of Zürcher Kantonalbank issued by rating agencies are as follows:

Rating agency	Date	Long-term
Standard & Poor's	December 10, 2020	AAA
Moody's	March 26, 2021	Aaa
FitchRatings	May 5, 2021	AAA

B. Zürcher Kantonalbank Finance (Guernsey) Limited

I. Company name, registered office and place of head office

Zürcher Kantonalbank Finance (Guernsey) Limited has its registered office and its head office at Bordage House, Le Bordage, St. Peter Port, Guernsey GY1 1BU, Channel Islands.

II. Formation, duration

Zürcher Kantonalbank Finance (Guernsey) Limited was formed on November 17, 2000. The duration of Zürcher Kantonalbank Finance (Guernsey) Limited is not limited.

III. Jurisdiction, legal form

Zürcher Kantonalbank Finance (Guernsey) Limited is a so-called "Non-Cellular Company Limited by Shares" under the laws of Guernsey, structured as a "limited liability company". The fully paid-in share capital of Zürcher Kantonalbank Finance (Guernsey) Limited amounts to one million Swiss francs (CHF 1,000,000).

The updated Memorandum of Incorporation and the updated Articles of Incorporation ("**Articles of Association**") are valid since March 14, 2012 and October 19, 2016, respectively. The original Incorporation documents are dated November 17, November 2000.

On the basis of a Keep-Well Agreement, Zürcher Kantonalbank is obliged to provide Zürcher Kantonalbank Finance (Guernsey) Limited with financial resources at all times in such a way that it is always able to satisfy the claims of creditors in due time.

IV. Purpose

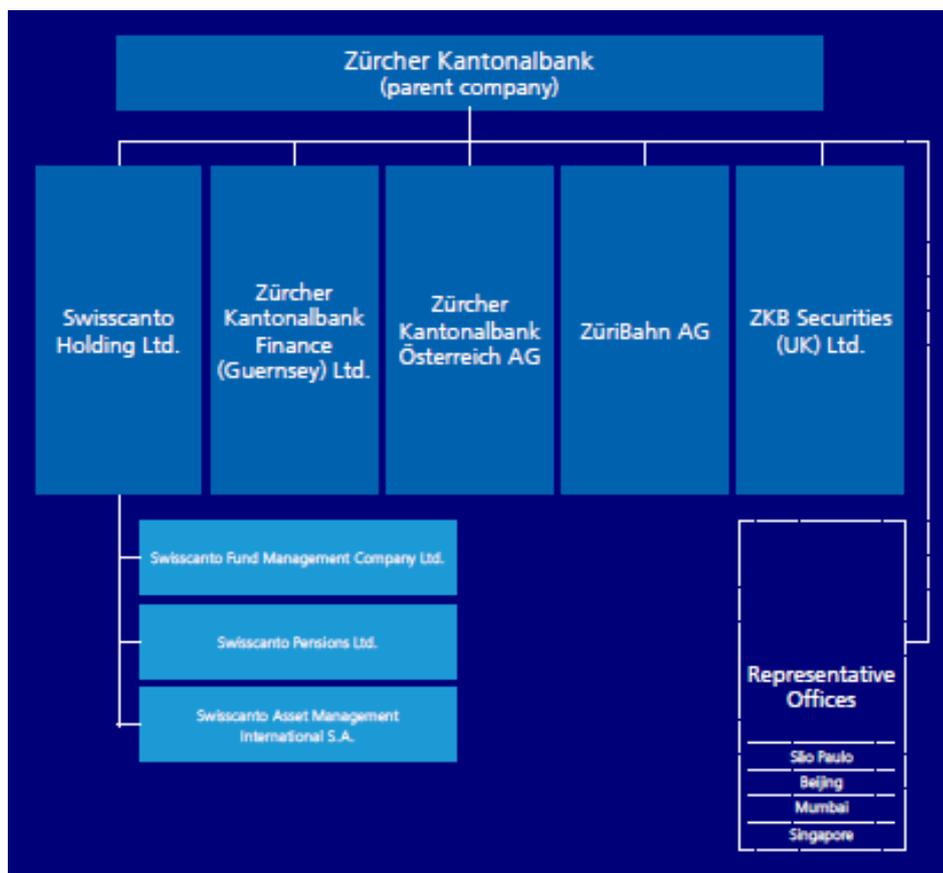
According to the Memorandum of Incorporation of Zürcher Kantonalbank Finance (Guernsey) Limited, the purpose of the company is not limited (article 3 of the Memorandum of Incorporation).

V. Register

Zürcher Kantonalbank Finance (Guernsey) Limited has been registered as a Non-Cellular Company Limited by Shares in the Guernsey Registry on November 17, 2000. The registration number of Zürcher Kantonalbank Finance (Guernsey) Limited is 37610.

C. Group structure

Zürcher Kantonalbank is the parent company of various national and international subsidiaries. The group structure as at the date of this Registration Document is as shown below.



Swisscanto Holding Ltd. and its subsidiaries Swisscanto Fondsleitung AG, Swisscanto Vorsorge AG and Swisscanto Asset Management International SA, Luxembourg (together "**Swisscanto**") are direct or, as the case may be, indirect wholly-owned subsidiaries of Zürcher Kantonalbank. As a proven specialist, Swisscanto develops high-quality investment and pension solutions for private investors, companies and institutions.

Zürcher Kantonalbank Österreich AG is a wholly-owned subsidiary of Zürcher Kantonalbank since February 1, 2010. It provides investment and asset management services for private investors. In addition to its headquarters in Salzburg, it maintains a branch in Vienna and employs about 100 employees.

ZüriBahn AG was formed in summer 2018 and is a wholly-owned subsidiary of Zürcher Kantonalbank. Zürcher Kantonalbank is responsible for the planned construction of a cable car (ZüriBahn) across the Lake of Zurich to connect the right and left lake shores.

ZKB Guernsey is also a wholly-owned subsidiary of Zürcher Kantonalbank. It issues structured investment products.

ZKB Securities (UK) Ltd is wholly owned by Zürcher Kantonalbank and acts as a broker for professional clients in the UK, enabling them to invest in Swiss equities (equity brokerage), including investments in equity-related funds. In addition, access to equity research publications (sell-side research) is offered.

Finally, the Representative Office Zürcher Kantonalbank Representações Ltda is also a subsidiary of Zürcher Kantonalbank.

INFORMATION ON THE BOARD OF DIRECTORS, MANAGEMENT, AUDITORS AND OTHER BODIES OF ZÜRCHER KANTONALBANK AND ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

A. Zürcher Kantonalbank

The bodies of Zürcher Kantonalbank are the board of directors ("**Board of Directors**"; Bankrat), the committee of the board ("**Committee of the Board**"; Bankpräsidium) and the executive board ("**Executive Board**"; Generaldirektion) as well as the auditors (§ 14 of the Cantonal Bank Act). The competencies of the Board of Directors, the Committee of the Board, the Executive Board and the auditors are set out in and governed by the Cantonal Bank Act (§ 15 - § 18) and the regulations on the organisation of the Zürcher Kantonalbank Group dated June 23, 2011 (§ 29 - § 37, § 39, "**Organizational Regulations**"; Reglement über die Organisation des Konzerns der Zürcher Kantonalbank). The Cantonal Council (Kantonsrat) is the cantonal supervisory authority of Zürcher Kantonalbank. In accordance with § 12 of the Cantonal Bank Act, the Cantonal Council appoints the Commission for the Supervision of Economic Enterprises ("**Cantonal Council Commission**"; Kommission für die Aufsicht über die wirtschaftlichen Unternehmen (AWU)) to exercise the supervision.

In addition, Zürcher Kantonalbank is a bank which is subject to the supervision of FINMA.

The most important competencies of the bodies of Zürcher Kantonalbank and the Cantonal Council Commission are described in the Corporate Governance Report of Zürcher Kantonalbank for the financial year 2020, which is incorporated by reference into this Registration Document (see section "Incorporation by reference" below).

I. Board of Directors

As at the date of this Registration Document, the Board of Directors of Zürcher Kantonalbank is composed as follows:

Name	Function	Duration
Dr. Jörg Müller-Ganz	Chairman Member of the Board of Directors	since July 1, 2011 since July 1, 2007
Dr. János Blum	Deputy-Chairman Member of the Board of Directors	since July 1, 2011 since May 6, 2002
Roger Liebi	Deputy-Chairman Member of the Board of Directors	since July 1, 2011 since July 1, 2018

Amr Abdelaziz	Member of the Board of Directors	since July 1, 2015
Dr. Adrian Bruhin	Member of the Board of Directors	since November 1, 2020
Dr. Bettina Furrer	Member of the Board of Directors	since July 1, 2019
René Huber	Member of the Board of Directors	since November 1, 2014
Henrich Kisker	Member of the Board of Directors	since July 1, 2015
Mark Roth	Member of the Board of Directors	since September 1, 2013
Peter Ruff	Member of the Board of Directors	since July 1, 2011
Walter Schoch	Member of the Board of Directors	since July 1, 2015
Anita Sigg	Member of the Board of Directors	since July 1, 2011
Stefan Wirth	Member of the Board of Directors	since July 1, 2011

The business address of all members of the Board of Directors is Bahnhofstrasse 9 in 8001 Zurich.

II. Committee of the Board

As at the date of this Registration Document, the Committee of the Board of Zürcher Kantonalbank is composed as follows:

Name	Function	Duration
Dr. Jörg Müller-Ganz	Chairman	since July 1, 2011
Dr. János Blum	Deputy-Chairman	since July 1, 2011
Roger Liebi	Deputy-Chairman	since July 1, 2019

The business address of all members of the Committee of the Board is Bahnhofstrasse 9 in 8001 Zurich.

III. Executive Board

As at the date of this Registration Document, the Executive Board of Zürcher Kantonalbank is composed as follows:

Name	Function	Duration
Martin Scholl	Chief Executive Officer (CEO) Member of the Executive Board	since June 1, 2007 since January 1, 2002
Dr. Stephanino Isele	Deputy CEO Head of Institutionals & Multinationals Member of the Executive Board	since May 1, 2021 since April 1, 2014
Dr. Jürg Bühlmann	Head of Corporate Banking Member of the Executive Board	since July 1, 2012
Heinz Kunz	Special Mandates Member of the Executive Board	since January 1, 2011
Florence Schnydrig Moser	Head of Private Banking Member of the Executive Board	since January 1, 2021
Roger Müller	Chief Risk Officer (CRO) Member of the Executive Board	since January 1, 2014
Daniel Previdoli	Head of Products, Services & Direct Banking Member of the Executive Board	since December 1, 2007
Remo Schmidli	Head of IT, Operations & Real Estate Member of the Executive Board	since July 1, 2019
Rudolf Sigg	Chief Financial Officer (CFO) Member of the Executive Board	since November 27, 2008

The business address of Martin Scholl, Florence Schnydrig Moser, Dr. Jürg Bühlmann and Heinz Kunz is Bahnhofstrasse 9 in 8001 Zurich. The business address of Daniel Previdoli and Remo Schmidli is at Neue Hard 11 and 9 in 8005 Zurich. The business address of Dr. Stephanino Isele, Roger Müller and Rudolf Sigg is at Josefstrasse 222 in 8005 Zurich.

IV. Cantonal Council Commission

As at the date of this Registration Document, the Cantonal Council Commission is composed as follows:

Name	Function
André Bender, SVP, Oberengstringen	Chairman
Isabel Bartal, SP, Zürich	Member
Carola Etter, FDP, Winterthur	Member
Astrid Furrer, FDP, Wädenswil	Member
Hanspeter Göldi, SP, Meilen	Member

Barbara Günthard Fitze, EVP, Winterthur	Member
Daniel Heierli, Grüne, Zürich	Member
Stefanie Huber, GLP, Dübendorf	Member
Thomas Lamprecht, EDU, Bassersdorf	Member
Benjamin Walder, Grüne, Wetzikon	Member
Orlando Wyss, SVP, Dübendorf	Member

V. Statutory auditors / Group auditors

As at the date of this Registration Document, the (external) statutory and group auditor under applicable corporate and banking laws is Ernst & Young AG, Maagplatz 1, 8005 Zurich, Switzerland (since 1989).

Pursuant to § 11 and 18 of the Cantonal Bank Act, the auditor is elected by the Cantonal Council for a two-year term of office, must be recognized by FINMA and is entered in the register of the Federal Audit Oversight Authority (FAOA; Eidgenössische Revisionsaufsichtsbehörde) which is responsible for the auditor. On June 15, 2020, the Cantonal Council confirmed the election of Ernst & Young AG as the auditor for the years 2021 and 2022.

B. Zürcher Kantonalbank Finance (Guernsey) Limited

The body responsible for the management and control of Zürcher Kantonalbank Finance (Guernsey) Limited is the board of directors ("**Board of Directors Guernsey**").

The Board of Directors Guernsey is responsible for all matters that are not delegated to another body of the company by law, the Articles of Association or other regulations. As the supreme management body, the Board of Directors Guernsey takes all fundamental decisions for ZKB Guernsey and is authorised to issue the necessary instructions. The Board of Directors Guernsey determines the organisational structure of ZKB Guernsey, the structure of the accounting department, the financial controls and the financial planning, in each case to the extent required for the management of ZKB Guernsey. It also appoints the persons responsible for the management and representation of the company. In addition, the Board of Directors Guernsey supervises the persons entrusted with the management of the company, in particular with regard to compliance with laws and regulations. It may also discharge the persons entrusted with the management of the company.

The Board of Directors creates the annual report (annual report and annual financial statements) and prepares the shareholders meeting of the company, at which it submits for approval its proposals for the long-term objectives of ZKB Guernsey and the measures required to achieve them.

I. Board of Directors Guernsey

As at the date of this Registration Document, the Board of Directors Guernsey is composed as follows:

Name	Function	Background
Felix Oegerli	Chairman	Representative of Zürcher Kantonalbank, Zurich
Samuel Stadelmann	Deputy-Chairman	Representative of Zürcher Kantonalbank, Zurich

John William Renouf	Member	Independent consultant, Guernsey
Richard Duchemin	Member	Executive Director of Zürcher Kantonalbank Finance (Guernsey) Limited

The business address of Felix Oegerli and Samuel Stadelmann is Josefstr. 222 in 8005 Zurich. The business address of John William Renouf is Deo Juvante, Castel, Guernsey GY5 7TJ. The business address of Richard Duchemin is Bordage House, Le Bordage, St. Peter Port, Guernsey GY1 1BU.

II. Chief Executive Officer

The Board of Directors Guernsey has delegated the management of ZKB Guernsey to a director who acts as chief executive officer (the "**Chief Executive Officer**").

The Chief Executive Officer has overall responsibility for the management and supervision of ZKB Guernsey's business. He manages the day-to-day business and as such represents the company externally. He performs his duties on site in Guernsey. He may delegate individual tasks to external service providers and/or to the parent company, but retains responsibility for those tasks. Such delegation, which must be laid down in a contract, requires the approval of the Board of Directors Guernsey. The Chief Executive Officer is appointed by the Board of Directors Guernsey and may be discharged by it.

As at the date of this Registration Document, the following person acts as Chief Executive Officer of Zürcher Kantonalbank Finance (Guernsey) Limited:

Name	Function
Richard Duchemin	Chief Executive Officer

III. Chief Financial Officer

ZKB Guernsey has appointed a CFO who supports the Chief Executive Officer as a specialist in financial accounting and reporting matters. The CFO reports directly to the Chief Executive Officer and, within the framework of group management and reporting, to the financial accounting department of ZKB.

The CFO may delegate individual tasks, but retains responsibility for the performance of those tasks.

As at the date of this Registration Document, the following person acts as CFO of Zürcher Kantonalbank Finance (Guernsey) Limited:

Name	Function
Alex Margison	Chief Financial Officer

IV. Statutory auditors

As at the date of this Registration Document, Ernst & Young LLP, Royal Chambers, St Julian's Avenue, St. Peter Port, Guernsey GY1 4AF, Channel Islands acts as auditor of ZKB Guernsey (since November 17, 2000).

Ernst & Young LLP is authorised and regulated by the Institute of Chartered Accountants in England and Wales and is registered as a regulated firm with the Guernsey Financial Services Commission.

BUSINESS ACTIVITIES AND PROSPECTS OF ZÜRCHER KANTONALBANK AND ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

A. Zürcher Kantonalbank (group parent company)

Zürcher Kantonalbank is the parent company of Zürcher Kantonalbank Group. Accordingly, the following information on business activities is provided on a consolidated basis for the group.

I. Main activity

Zürcher Kantonalbank conducts the business of a universal bank. It does not enter into proprietary transactions involving disproportionate risks. It operates a pawnbroking agency (Pfandleihkasse).

In geographical terms, the business area of Zürcher Kantonalbank primarily comprises the Zurich economic area. Business in the rest of Switzerland and abroad is permitted, provided that it does not expose Zürcher Kantonalbank and its subsidiaries to disproportionate risks and further provided that such activities do not have a negative impact on the money and credit requirements in the Canton of Zurich.

The details of the business activities are governed by the Organizational Regulations. Further details of the business activities of Zürcher Kantonalbank and its subsidiaries are described in the management report (Lagebericht) of Zürcher Kantonalbank, which is incorporated by reference into this Registration Document (see section "Incorporation by reference" below).

II. Public service mandate (*Spezieller Leistungsauftrag*)

The public service mandate of the Canton of Zurich to Zürcher Kantonalbank, as formulated in the Cantonal Bank Act, consists of the supply mandate, the support mandate and the sustainability mandate.

III. Service obligation (*Versorgungsauftrag*)

ZKB provides the people and the economy with the financial services of a universal bank. These include payment transactions, saving, investing, financing, retirement planning, financial planning, taxes and estate planning. When doing so, ZKB pays particular attention to the concerns of small and medium-sized enterprises, employees, agriculture and public authorities. ZKB also promotes home ownership and affordable housing. The ZKB product portfolio is extremely broad and includes services outside the scope of those provided by traditional universal banks. ZKB provides its clients with an excellent client experience across all channels, regardless of whether it is in the physical or digital world.

IV. Support mandate (*Unterstützungsauftrag*)

The support mandate obligates ZKB to help the canton resolve economic and social issues. Nowadays, the support of ZKB frequently comes in the form of sponsorship commitments. ZKB is committed to protect natural resources, preserving social cohesion and strengthening the competitiveness of the Greater Zurich Area. It only goes to follow that ZKB advocates a balanced relationship with nature and wildlife as well as sustainable mobility, cultural diversity, equal opportunity, innovation and entrepreneurship. For detailed information about the activities of ZKB in this area, please go to zkb.ch/sponsoring. ZKB also has one of the largest apprenticeship programmes and is a major employer in the canton..

V. Sustainability mandate (*Nachhaltigkeitsauftrag*)

ZKB pursues a business policy aimed at long-term continuity that meets the needs of the economy, the environment and society. Sustainability is an integral aspect of ZKB's business model. That means ZKB factors environmental, social and economic criteria into its activities and align its operations with the United Nations' 17 sustainable development goals (SDGs).

ZKB's products and services offer the most effective source of leverage and are how it promotes sustainable financing and investments. This commitment is reflected in its memberships, participations and sponsorships, as well as in the way ZKB runs the bank.

VI. Court, arbitration and administrative proceedings

As at the date of this Registration Document, to the knowledge of the bodies of Zürcher Kantonalbank, no legal, arbitration or administrative proceedings are pending or threatened which are of material importance for the assets or earnings position of Zürcher Kantonalbank.

B. Zürcher Kantonalbank Finance (Guernsey) Limited

I. Main activity

Zürcher Kantonalbank Finance (Guernsey) Limited issues structured investment products and sells them to Zürcher Kantonalbank, which places them in the market.

II. Court, arbitration and administrative proceedings

As at the date of this Registration Document, to the knowledge of the corporate bodies of Zürcher Kantonalbank and Zürcher Kantonalbank Finance (Guernsey) Limited, no legal, arbitration or administrative proceedings are pending or threatened which are of material importance for the assets or earnings position of Zürcher Kantonalbank Finance (Guernsey) Limited.

C. Information on the material business prospects of Zürcher Kantonalbank and its subsidiaries

For information on the material business prospects of Zürcher Kantonalbank and its subsidiaries, reference is made to section "Management Report" (p. 20-61) of the Annual Report 2019 of Zürcher Kantonalbank which is incorporated by reference into this Registration Document (see section "*Incorporation by reference*" below). Please note that the information in the Management Report on the material business prospects of Zürcher Kantonalbank and its subsidiaries is subject to uncertainty.

CAPITAL AND VOTING RIGHTS OF the ISSUERS AND ANY GUARANTORS OR COLLATERAL PROVIDERS

A. Zürcher Kantonalbank

I. Capital structure

The corporate capital of Zürcher Kantonalbank consists of the endowment capital (§ 4 of the Cantonal Bank Act; *Dotationskapital*) and currently amounts to CHF 2'425 million. The Canton of Zurich makes the endowment capital available to Zürcher Kantonalbank for an unlimited period of time. As of 2 November 2020, the Cantonal Council decided to increase the endowment capital framework, which is unlimited in time, by CHF 425 million to CHF 3,425 million. An additional endowment capital of CHF 1'000 million approved by the Cantonal Council which has not yet been drawn-down by Zürcher Kantonalbank has been fully reserved by a resolution of the Board of Directors for the bank's contingency planning and will be counted towards the gone-concern capital component. As a result, the endowment capital reserve can only be used upon the instructions of FINMA or a

restructuring officer appointed by FINMA. Zürcher Kantonalbank raises further own funds by increasing reserves and by taking up subordinated liabilities (§ 5 of the Cantonal Bank Act).

II. Outstanding conversion and option rights and bonds

As at the reporting date of the annual financial statements for the financial year 2020, Zürcher Kantonalbank had no conversion or option rights outstanding.

As at the reporting date of the annual financial statements for the financial year 2020, Zürcher Kantonalbank had medium-term notes (Kassenobligationen) with a total nominal value of CHF 158 million (2019: CHF 143 million), bonds (Obligationenanleihen) with a total nominal value of CHF 25,385 million (2019: CHF 13,329 million) and mortgage-backed bonds (Pfandbriefdarlehen) with a total nominal value of CHF 10,743 million (2019: CHF 9,778 million) outstanding.

III. Own equity securities

As at the reporting date of the annual financial statements for the financial year 2020 and as at the date of this Registration Document, neither Zürcher Kantonalbank nor any of its subsidiaries held own equity securities.

B. Zürcher Kantonalbank Finance (Guernsey) Limited

Zürcher Kantonalbank Finance (Guernsey) Limited is a legal entity, whose purpose is unlimited, but in particular aims the issuance of financial instruments. Zürcher Kantonalbank Finance (Guernsey) Limited is a so-called *special purpose vehicle* pursuant to article 96 para. 2 FinSO, whose guarantor or collateral provider (Zürcher Kantonalbank) is an institution pursuant to article 70 para. 1 FinSA. Accordingly, reference is made to the information on Zürcher Kantonalbank.

FINANCIAL STATEMENTS OF ZÜRCHER KANTONALBANK AND ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

A. Zürcher Kantonalbank

I. Annual financial statements and related documents

Section "Financial Report" for the financial years 2019 and 2020 of Zürcher Kantonalbank which is incorporated by reference into this Registration Document (see section "Incorporation by reference" below) contains, among other things, the consolidated annual financial statements of Zürcher Kantonalbank audited by the competent auditors, including the auditors report. In addition, the "Financial Report" contains the statutory financial statements of Zürcher Kantonalbank (parent company) including the corresponding auditor's report.

The consolidated financial statements of Zürcher Kantonalbank comprise the financial statements of Zürcher Kantonalbank and its direct and indirect subsidiaries in which Zürcher Kantonalbank holds more than 50 per cent of the voting capital or which are otherwise controlled by Zürcher Kantonalbank. The presentation of the consolidated financial statements is based on the economic approach. The statutory financial statements of the group companies are based on uniform accounting standards applicable throughout the group.

II. Significant changes since the last annual financial statements

Since the reporting date of the annual financial statements for the financial year 2020, there have been no significant changes in the assets, financial and earnings position of Zürcher Kantonalbank.

B. Zürcher Kantonalbank Finance (Guernsey) Limited

I. Annual financial statements and related documents

Annex 1 contains the annual financial statements of Zürcher Kantonalbank Finance (Guernsey) Limited for the financial years 2019 (Annex 1A) and 2020 (Annex 1B), which also contain the auditor's report.

II. Significant changes since the last annual financial statements

Since the reporting date of the annual financial statements for the financial year 2020, there have been no significant changes in the assets, financial and earnings position of Zürcher Kantonalbank Finance (Guernsey) Limited.

INCORPORATION BY REFERENCE

The following documents shall be incorporated or shall be deemed to be incorporated into, and form part of, this Registration Document (the "**Incorporation Documents**"). Only those parts of the Incorporation Documents which are set out in the table below shall be incorporated or shall be deemed to be incorporated into, and form part of, this Registration Document. The other parts of the Incorporation Documents which are not set out in the table below are expressly not incorporated into, and do not form part of, this Registration Document.

Document	Information incorporated by reference	Place of publication
Annual Report 2019 of Zürcher Kantonalbank	Sections "Management Report" (S. 20–61), "Corporate Governance" (S. 63–81), "Financial Report" (S. 94–185) und "Glossary" (S. 186–189)	https://www.zkb.ch/en/lg/ew/dsc-investor-relations/annual-report.html
Annual Report 2020 of Zürcher Kantonalbank	Sections "Management Report" (S. 26–101), "Corporate Governance" (S. 103–123), "Financial Report" (S. 136–233) und "Glossary" (S. 234–237)	https://www.zkb.ch/en/lg/ew/dsc-investor-relations/annual-report.html

RESPONSIBILITY FOR THE REGISTRATION DOCUMENT

A. Zürcher Kantonalbank

Zürcher Kantonalbank takes responsibility for the information contained in this Registration Document. Zürcher Kantonalbank declares that, to its knowledge, the information contained in this document is correct and that no omissions have been made which could change the statements contained in this document.

B. Zürcher Kantonalbank Finance (Guernsey) Limited

Zürcher Kantonalbank Finance (Guernsey) Limited takes responsibility for the information contained in this Registration Document. Zürcher Kantonalbank Finance (Guernsey) Limited declares that, to its knowledge, the information contained in this document is correct and that no omissions have been made which could change the statements contained in this document.

**ZÜRCHER KANTONALBANK FINANCE
(GUERNSEY) LIMITED**

ANNUAL REPORT & AUDITED FINANCIAL STATEMENTS

For the year ended 31 December 2019

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

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ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

COMPANY INFORMATION

Directors	F O Oegerli, Chairman (i) S Stadelmann, Vice Chairman (i) P D H Hodgson (resigned 31 October 2019) R S Duchemin (appointed 31 October 2019) J W Renouf (ii) (i) Member of Audit Committee (ii) Chairman of Audit Committee
Secretary	Alter Domus (Guernsey) Limited (appointed 30 September 2019) Butterfield Management Services (Guernsey) Limited (resigned 30 September 2019)
Registered office	Bordage House Le Bordage St Peter Port Guernsey GY1 1BU
Auditor	Ernst & Young LLP Royal Chambers St Julian's Avenue St Peter Port Guernsey GY1 4AF
Bankers	Zürcher Kantonalbank Bahnhofstrasse 9 PO Box 8010 Zürich Switzerland NatWest International PO Box 62 Royal Bank Place 1 Gategny Esplanade St Peter Port Guernsey GY1 4BQ
Custodian	Zürcher Kantonalbank Bahnhofstrasse 9 PO Box 8010 Zürich Switzerland

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

DIRECTORS' REPORT

The Directors submit their report and the audited financial statements for the year ended 31 December 2019.

Activities

The principal activity of Zürcher Kantonalbank Finance (Guernsey) Limited ("the Company") is to carry on business as a finance company and to borrow or raise money by the issue of financial instruments of whatsoever nature.

Results

The results of the Company are shown in the Statement of Comprehensive Income on page 5.

Dividend

The Directors do not recommend the payment of a dividend.

Directors

The Directors of the Company are those listed in the Company Information.

Statement of Directors' responsibilities in respect of the financial statements

The Directors are responsible for preparing the financial statements in accordance with applicable Guernsey law and generally accepted accounting principles.

Guernsey company law requires the Directors to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the Company and of the profit or loss of the Company for that year. In preparing those financial statements, the Directors should:

- select suitable accounting policies and then apply them consistently;
- make judgements and estimates that are reasonable and prudent;
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the Company will continue in business.

The Directors are responsible for keeping proper accounting records that disclose with reasonable accuracy at any time the financial position of the Company and to enable them to ensure that the financial statements comply with the Companies (Guernsey) Law, 2008. They are also responsible for safeguarding the assets of the Company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

So far as each of the Directors is aware, there is no relevant audit information of which the Company's auditor is unaware, and each has taken all the steps he ought to have taken as a Director to make himself aware of any relevant audit information, and to establish that the Company's auditor is aware of that information.

Going concern

The Directors have assessed the potential impact of the Covid-19 global pandemic on the Company, and consider that the Company has adequate financial resources and believe that the Company has adopted appropriate measures to ensure that it can continue in operational existence for the foreseeable future. As such the Directors are satisfied that it is appropriate to prepare the financial statements on a going concern basis.

Auditor

A resolution to reappoint Ernst & Young LLP as auditor will be put to the members at the Annual General Meeting.

For and on behalf of the Board:



Director



Director

19 March 2020
Date

INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

Opinion

We have audited the financial statements of Zürcher Kantonalbank Finance (Guernsey) Limited (the "Company") for the year ended 31 December 2019 which comprise the Statement of Comprehensive Income, the Statement of Financial Position, the Statement of Changes in Equity, the Statement of Cash Flows and the related notes 1 to 18, including a summary of significant accounting policies. The financial reporting framework that has been applied in their preparation is applicable law and International Financial Reporting Standards as adopted by the European Union.

In our opinion, the financial statements:

- give a true and fair view of the state of the Company's affairs as at 31 December 2019 and of the results for the year then ended;
- have been properly prepared in accordance with International Financial Reporting Standards as adopted by the European Union; and
- have been properly prepared in accordance with the requirements of the Companies (Guernsey) Law, 2008.

Basis for opinion

We conducted our audit in accordance with International Standards on Auditing (UK) (ISAs (UK)) and applicable law. Our responsibilities under those standards are further described in the Auditor's responsibilities for the audit of the financial statements section of our report below. We are independent of the Company in accordance with the ethical requirements that are relevant to our audit of the financial statements in the UK, including the FRC's Ethical Standard, 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.

Conclusions relating to going concern

We have nothing to report in respect of the following matters in relation to which the ISAs (UK) require us to report to you where:

- the directors' use of the going concern basis of accounting in the preparation of the financial statements is not appropriate; or
- the directors have not disclosed in the financial statements any identified material uncertainties that may cast significant doubt about the Company's ability to continue to adopt the going concern basis of accounting for a period of at least twelve months from the date when the financial statements are authorised for issue.

Other information

The other information comprises the information included in the annual report, other than the financial statements and our auditor's report thereon. The directors are responsible for the other information.

Our opinion on the financial statements does not cover the other information and, except to the extent otherwise explicitly stated in this 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. If we identify such material inconsistencies or apparent material misstatements, we are required to determine whether there is a material misstatement in the financial statements or a material misstatement of the other information. If, based on the work we have performed, we conclude that there is a material misstatement of the other information, we are required to report that fact.

We have nothing to report in this regard.

INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

Matters on which we are required to report by exception

We have nothing to report in respect of the following matters in relation to which the Companies (Guernsey) Law, 2008 requires us to report to you if, in our opinion:

- proper accounting records have not been kept by the company; or
- the financial statements are not in agreement with the company's accounting records and returns; or
- we have not received all the information and explanations we require for our audit.

Responsibilities of directors

As explained more fully in the Statement of Directors' responsibilities set out on page 2, the directors are responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view, and for such internal control as the directors determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the directors are responsible for assessing the company'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 the directors either intend to liquidate the company or to cease operations, or have no realistic alternative but to do so.

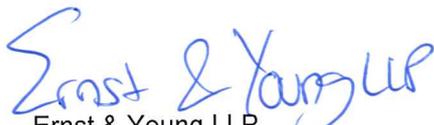
Auditor's responsibilities for the audit of the financial statements

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 auditor's 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 ISAs (UK) 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.

A further description of our responsibilities for the audit of the financial statements is located on the Financial Reporting Council's website at <https://www.frc.org.uk/auditorsresponsibilities>. This description forms part of our auditor's report.

Use of our report

This report is made solely to the Company's members, as a body, in accordance with Section 262 of the Companies (Guernsey) Law, 2008. Our audit work has been undertaken so that we might state to the Company's members those matters we are required to state to them in an auditor's report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the Company and the Company's members as a body, for our audit work, for this report, or for the opinions we have formed.


Ernst & Young LLP
Guernsey, Channel Islands

Date: 19 March 2020

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 STATEMENT OF COMPREHENSIVE INCOME
 For the year ended 31 December 2019

	Notes	Year ended		Year ended	
		31 December 2019	31 December 2018	31 December 2018	31 December 2018
		CHF	CHF	CHF	CHF
Net trading income	6		16,091,130		11,085,356
Operating expenses	7		(11,225,467)		(12,303,986)
Operating profit			<u>4,865,663</u>		<u>(1,218,630)</u>
Finance income		190		236	
Finance costs		(2,721)		-	
			<u>(2,531)</u>		<u>236</u>
Net comprehensive income/(loss) for the financial year			<u><u>4,863,132</u></u>		<u><u>(1,218,394)</u></u>

All of the items in the above are derived from continuing operations.

There were no other comprehensive income items in the period.

The notes on pages 9 to 28 form part of these financial statements.

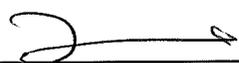
ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 STATEMENT OF FINANCIAL POSITION
 As at 31 December 2019

	Notes	31 December 2019 CHF	31 December 2018 CHF
Assets			
Non-current assets			
Right-of-use assets	12	304,878	-
Total non-current assets		<u>304,878</u>	<u>-</u>
Current assets			
Cash, amounts due from banks, money at call	13	54,655,711	60,031,606
Financial assets at fair value through profit or loss			
Securities held for trading	8	1,385,114,812	1,456,768,432
Derivative financial instruments	8, 9	27,425,409	17,468,859
Accrued interest receivable and prepayments		9,137,206	9,540,952
Total current assets		<u>1,476,333,138</u>	<u>1,543,809,849</u>
Total assets		<u><u>1,476,638,016</u></u>	<u><u>1,543,809,849</u></u>
Liabilities			
Non-current liabilities			
Lease liabilities	14	277,822	-
Total Non-current liabilities		<u>277,822</u>	<u>-</u>
Current liabilities			
Amounts due to banks	13	48,593,322	41,294,977
Lease liabilities	14	57,337	-
Financial liabilities at fair value through profit or loss			
Structured products	8	1,285,066,091	1,230,161,103
Derivative financial instruments	8, 9	34,745,834	168,892,359
Accrued interest payable and accrued expenses		1,284,324	1,711,256
Total Current liabilities		<u>1,369,746,908</u>	<u>1,442,059,695</u>
Equity			
Share capital	16	1,000,000	1,000,000
Retained earnings		105,613,286	100,750,154
Total equity		<u>106,613,286</u>	<u>101,750,154</u>
Total liabilities and equity		<u><u>1,476,638,016</u></u>	<u><u>1,543,809,849</u></u>

The financial statements on pages 5 to 28 were approved by the Board of Directors on 19 March 2020 and are signed on its behalf by:



 Director



 Director

The notes on pages 9 to 28 form part of these financial statements.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 STATEMENT OF CHANGES IN EQUITY
 For the year ended 31 December 2019

	Share capital CHF	Retained earnings CHF	Total equity CHF
At 1 January 2018	1,000,000	101,968,548	102,968,548
Net comprehensive loss for the financial year	-	(1,218,394)	(1,218,394)
Balance at 31 December 2018	<u>1,000,000</u>	<u>100,750,154</u>	<u>101,750,154</u>
At 1 January 2019	1,000,000	100,750,154	101,750,154
Net comprehensive income for the financial year	-	4,863,132	4,863,132
Balance at 31 December 2019	<u>1,000,000</u>	<u>105,613,286</u>	<u>106,613,286</u>

The notes on pages 9 to 28 form part of these financial statements.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 STATEMENT OF CASH FLOWS
 For the year ended 31 December 2019

	Note	Year ended 31 December 2019 CHF	Year ended 31 December 2018 CHF
Operating activities			
Net comprehensive income for the financial year		4,863,132	(1,218,394)
Adjustments for:			
Depreciation of right-of-use assets	12	23,185	-
Revaluation of lease liabilities	12	18,035	-
Finance income		(190)	(236)
Finance costs		2,721	-
Adjustment for changes in working capital:			
Decrease / (increase) in accrued interest receivable and prepayments		403,746	(483,685)
Decrease in securities held for trading, designated at fair value through profit or loss		71,653,620	27,010,929
Increase / (decrease) in structured product financial liabilities held at fair value through profit or loss		54,904,988	(152,071,046)
(Increase) / decrease in derivative financial instruments held at fair value through profit or loss		(144,103,075)	133,807,861
Decrease in accrued interest payable and accrued expenses		(426,932)	(86,769)
		<u>(12,660,770)</u>	<u>6,958,660</u>
Interest received		190	236
Net cash (outflows)/inflows from operating activities		<u>(12,660,580)</u>	<u>6,958,896</u>
Financing activities			
Payment of principal portion of lease liabilities	12	(13,660)	-
Net cash outflows from financing activities		<u>(13,660)</u>	<u>-</u>
Net (decrease)/increase in cash and cash equivalents		(12,674,240)	6,958,896
Net cash and cash equivalents at 1 January		18,736,629	11,777,733
Net cash and cash equivalents at 31 December	13	<u><u>6,062,389</u></u>	<u><u>18,736,629</u></u>

The notes on pages 9 to 28 form part of these financial statements.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

NOTES TO THE FINANCIAL STATEMENTS

For the year ended 31 December 2019

1 Corporate information

Zürcher Kantonalbank Finance (Guernsey) Limited is a finance company and borrows or raises money by the issue of financial instruments of whatsoever nature. The Company was incorporated and is registered in Guernsey with the registered office being at Bordage House, Le Bordage, St Peter Port, Guernsey, GY1 1BU.

2 Significant accounting policies

The following accounting policies have been applied consistently in dealing with items which are considered material in relation to the financial statements of the Company.

2 a) Basis of preparation

The financial statements have been prepared under the historical cost convention as modified by the revaluation to fair value through profit or loss of derivative financial instruments, over-the-counter ("OTC") options, securities, term deposits with banks and financial liabilities and in accordance with International Financial Reporting Standards ("IFRS") as adopted by the European Union.

2 b) Going concern

The Company's financial position, its cash flows and liquidity position are set out in the financial statements. In addition, note 11 to the financial statements includes the Company's risk management and policies, details of its financial instruments, its exposures to credit risk and liquidity risk and its objectives, policies and processes for managing its capital. Based on the review of the 2020 and 2021 financial forecasts, and having assessed the potential impact of the Covid-19 global pandemic on the Company, the Directors consider that the Company has adequate financial resources and believe that the Company has adopted appropriate measures to ensure that it can continue in operational existence for the foreseeable future. As such the Directors are satisfied that it is appropriate to prepare the financial statements on a going concern basis.

2 c) Financial instruments

2 c) (i) Classification

In accordance with IFRS 9, the Company classifies its financial assets and financial liabilities at initial recognition into the categories of financial assets and financial liabilities discussed below.

In applying that classification, a financial asset or financial liability is considered to be held for trading if:

- It is acquired or incurred principally for the purpose of selling or repurchasing it in the near term; or
- On initial recognition, it is part of a portfolio of identified financial instruments that are managed together and for which, there is evidence of a recent actual pattern of short-term profit-taking; or
- It is a derivative (except for a derivative that is a designated and effective hedging instrument).

2 c) (i) (1) Financial assets

The Company classifies its financial assets as subsequently measured at amortised cost or measured at fair value through profit or loss on the basis of both:

- The Company's business model for managing the financial assets; and
- The contractual cash flow characteristics of the financial asset.

Financial assets measured at amortised cost

A financial instrument is measured at amortised cost if it is held within a business model whose objective is to hold financial assets in order to collect contractual cash flows and its contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding. The Company includes in this category short-term non-financing receivables including accrued interest receivable and prepayments.

Financial assets measured at fair value through profit or loss ("FVTPL")

A financial asset is measured at FVTPL if:

- Its contractual terms do not give rise to cash flows on specified dates that are solely payments of principal and interest ("SPPI") on the principal amount outstanding; or
- It is not held within a business model whose objective is either to collect contractual cash flows, or to both collect contractual cash flows and sell; or
- At initial recognition, it is irrevocably designated as measured at FVTPL when doing so eliminates or significantly reduces a measurement or recognition inconsistency that would otherwise arise from measuring assets or liabilities or recognising the gains and losses on them on different bases.

The Company includes in this category:

- Equity instruments: these include investments in listed equities;
- Debt instruments: these include investments that are held under a business model to manage them on a fair value basis for investment income and fair value gains; and
- Instruments held for trading: this includes equity instruments and debt instruments which are acquired principally for the purpose of generating a profit from short-term fluctuations in price. This category also includes derivative contracts in an asset position.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

NOTES TO THE FINANCIAL STATEMENTS

For the year ended 31 December 2019

2 Significant accounting policies (continued)

2 c) (i) (2) Financial liabilities

Financial liabilities measured at FVTPL

A financial liability is measured at FVTPL if it meets the definition of held for trading.

The Company includes in this category derivative contracts in a liability position and equity and debt instruments sold short since they are classified as held for trading.

Financial liabilities measured at amortised cost

This category includes all financial liabilities, other than those measured at fair value through profit or loss. The Company includes in this category bank overdrafts and other short-term payables.

2 c) (ii) Recognition

The Company recognises a financial asset or a financial liability when it becomes a party to the contractual provisions of the instrument.

Purchases or sales of financial assets that require delivery of assets within the time frame generally established by regulation or convention in the market place (regular way trades) are recognised on the trade date, i.e., the date that the Company commits to purchase or sell the asset.

2 c) (iii) Initial measurement

Financial assets and financial liabilities at FVTPL are recorded in the statement of financial position at fair value. All transaction costs for such instruments are recognised directly in profit or loss.

Financial assets and liabilities (other than those classified as at FVTPL) are measured initially at their fair value plus any directly attributable incremental costs of acquisition or issue.

2 c) (iv) Subsequent measurement

After initial measurement, the Company measures financial instruments which are classified as at FVTPL at fair value. Subsequent changes in the fair value of those financial instruments are recorded in net gain or loss on financial assets and liabilities at FVTPL in the statement of comprehensive income as part of net trading income (see note 6). Interest and dividends earned or paid on these instruments are recorded in the statement of comprehensive income as part of net trading income (see note 6).

Debt instruments, other than those classified as at FVTPL, are measured at amortised cost using the effective interest method less any allowance for impairment. Gains and losses are recognised in profit or loss when the debt instruments are derecognised or impaired, as well as through the amortisation process.

Financial liabilities, other than those classified as at FVTPL, are measured at amortised cost using the effective interest method. Gains and losses are recognised in profit or loss when the liabilities are derecognised, as well as through the amortisation process.

The effective interest method (EIR) is a method of calculating the amortised cost of a financial asset or a financial liability and of allocating and recognising the interest income or interest expense in profit or loss over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash payments or receipts through the expected life of the financial asset or financial liability to the gross carrying amount of the financial asset or to the amortised cost of the financial liability. When calculating the effective interest rate, the Company estimates cash flows considering all contractual terms of the financial instruments, but does not consider expected credit losses. The calculation includes all fees paid or received between parties to the contract that are an integral part of the effective interest rate, transaction costs and all other premiums or discounts.

2 c) (v) Derecognition

A financial asset (or, where applicable, a part of a financial asset or a part of a group of similar financial assets) is derecognised where the rights to receive cash flows from the asset have expired, or the Company has transferred its rights to receive cash flows from the asset, or has assumed an obligation to pay the received cash flows in full without material delay to a third party under a pass-through arrangement and the Company has:

- Transferred substantially all of the risks and rewards of the asset; or
- Neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset.

When the Company has transferred its right to receive cash flows from an asset (or has entered into a pass-through arrangement), and has neither transferred nor retained substantially all of the risks and rewards of the asset nor transferred control of the asset, the asset is recognised to the extent of the Company's continuing involvement in the asset. In that case, the Company also recognises an associated liability. The transferred asset and the associated liability are measured on a basis that reflects the rights and obligations that the Company has retained.

The Company derecognises a financial liability when the obligation under the liability is discharged, cancelled or expired.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

NOTES TO THE FINANCIAL STATEMENTS

For the year ended 31 December 2019

2 Significant accounting policies (continued)

2 d) Impairment of financial assets

The Company holds only trade receivables with no financing component and which are due in less than 12 months at amortised cost and, as such, has chosen to apply an approach similar to the simplified approach for expected credit losses (ECL) under IFRS 9 to all its trade receivables. Therefore, the Company does not track changes in credit risk, but instead, recognises a loss allowance based on lifetime ECLs at each reporting date.

The Company's approach to ECLs reflects a probability-weighted outcome, the time value of money and reasonable and supportable information that is available without undue cost or effort at the reporting date about past events, current conditions and forecasts of future economic conditions.

The Company uses the provision matrix as a practical expedient to measuring ECLs on trade receivables, based on days past due for groupings of receivables with similar loss patterns. Receivables are grouped based on their nature. The provision matrix is based on historical observed loss rates over the expected life of the receivables and is adjusted for forward-looking estimates.

2 e) Offsetting of financial instruments

Financial assets and financial liabilities are offset and the net amount is reported in the statement of financial position if, and only if, there is a currently enforceable legal right to offset the recognised amounts and there is an intention to settle on a net basis, or to realise the asset and settle the liability simultaneously. This is generally not the case with master netting agreements unless one party to the agreement defaults and the related assets and liabilities are presented gross in the statement of financial position.

2 f) Fair value measurement

The Company measures its investments in financial instruments, such as equity instruments, debt instruments, other interest bearing investments and derivatives, at fair value at each reporting date.

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fair value measurement is based on the presumption that the transaction to sell the asset or transfer the liability takes place either in the principal market for the asset or liability or, in the absence of a principal market, in the most advantageous market for the asset or liability. The principal or the most advantageous market must be accessible to the Company. The fair value of an asset or a liability is measured using the assumptions that market participants would use when pricing the asset or liability, assuming that market participants act in their economic best interest. A fair value measurement of a non-financial asset takes into account a market participant's ability to generate economic benefits by using the asset in its highest and best use or by selling it to another market participant that would use the asset in its highest and best use.

The fair value for financial instruments traded in active markets at the reporting date is based on their quoted price (bid price for long positions and ask price for short positions), without any deduction for transaction costs.

For all other financial instruments not traded in an active market, the fair value is determined using valuation techniques deemed to be appropriate in the circumstances. Valuation techniques include the market approach (i.e., using recent arm's length market transactions, adjusted as necessary, and reference to the current market value of another instrument that is substantially the same) and the income approach (i.e., discounted cash flow analysis and option pricing models making as much use of available and supportable market data as possible).

For assets and liabilities that are measured at fair value on a recurring basis, the Company identifies transfers between levels in the hierarchy by re-assessing the categorisation (based on the lowest level input that is significant to the fair value measurement as a whole), and deems transfers to have occurred at the beginning of each reporting period.

2 g) Leases

The Company assesses at contract inception whether a contract is, or contains, a lease. That is, if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration.

Company as a lessee

The Company applies a single recognition and measurement approach for all leases, except for short-term leases and leases of low-value assets. The Company recognises lease liabilities to make lease payments and right-of-use assets representing the right to use the underlying assets.

2 g) (i) Right-of-use assets

The Company recognises right-of-use assets at the commencement date of the lease (i.e., the date the underlying asset is available for use). Right-of-use assets are measured at cost, less any accumulated depreciation and impairment losses, and adjusted for any remeasurement of lease liabilities. The cost of right-to-use assets includes the amount of the lease liabilities recognised, initial direct costs incurred, and lease payments made at or before the commencement date less any lease incentives received. Right-of-use assets are depreciated on a straight-line basis over the shorter of the lease term and the estimated useful lives of the assets, as follows:

- Office premises 6 years

If ownership of the leased asset transfers to the Company at the end of the lease term or the cost reflect the exercise of a purchase option, depreciation is calculated using the estimates useful life of the asset.

The right-of-use assets are also subject to impairment (see note 2 h))₁

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

NOTES TO THE FINANCIAL STATEMENTS

For the year ended 31 December 2019

2 Significant accounting policies (continued)

2 g) (ii) Lease liabilities

At the commencement date of the lease, the Company recognises lease liabilities measured at the present value of lease payments to be made over the lease term. The lease payments include fixed payments (including insubstance fixed payments) less any lease incentives receivable, variable lease payments that depend on an index or rate, and amounts expected to be paid under residual value guarantees. The lease payments also include the exercise price of a purchased option reasonably certain to be exercised by the Company and payments of penalties for terminating the lease, if the lease term reflects the Company exercising the option to terminate. Variable lease payments that do not depend on an index or a rate are recognised as expenses (unless they are incurred to produce inventories) in the period in which the event or condition that triggers the payment occurs.

In calculating the present value of lease payments, the Company uses its incremental borrowing rate at the lease commencement date because the interest rate implicit in the lease is not readily determinable. After the commencement date, the amount of lease liabilities is increased to reflect the accretion of interest and reduced for the lease payments made. In addition, the carrying amount of lease liabilities is remeasured if there is a modification, a change in the lease term, a change in the lease payments (e.g., changes to future payments resulting from a change in an index or rate used to determine such lease payments) or a change in the assessment of an option to purchase the underlying asset.

The Company's lease liabilities are included in interest-bearing loans and borrowings (see note 14).

2 h) Impairment of non-financial assets

The Company assesses, at each reporting date, whether there is an indication that an asset may be impaired. If any indication exists, or when annual impairment testing for an asset is required, the Company estimates the asset's recoverable amount. An asset's recoverable amount is the higher of the asset's or cash generating unit's ("CGU") fair value less costs of disposal and its value in use. The recoverable amount is determined for an individual asset, unless the asset does not generate cash inflows that are largely independent of those from other assets or groups of assets. When the carrying amount of any asset or CGU exceeds its recoverable amount, the asset is considered impaired and is written down to its recoverable amount.

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. In determining fair value less costs of disposal, recent market transactions are taken into account. If no such transactions can be identified, an appropriate valuation model is used. These calculations are corroborated by valuation multiples, quoted share prices for publicly traded companies or other available fair value indicators.

The Group bases its impairment calculation on most recent budgets and forecast calculations, which are prepared separately for each of the Group's CGUs to which the individual assets are allocated. These budgets and forecast calculations generally cover a period of five years. A long-term growth rate is calculated and applied to project future cash flows after the fifth year.

Impairment losses of continuing operations are recognised in the statement of profit or loss in expense categories consistent with the function of the impaired asset, except for properties previously revalued with the revaluation taken to other comprehensive income. For such properties, the impairment is recognised in other comprehensive income up to the amount of any previous revaluation.

2 i) Functional and presentation currency

The functional currency is the currency of the primary economic environment in which the Company operates. The majority of the Company's transactions are in Swiss francs, the performance is evaluated and its liquidity is managed in Swiss francs, and the functional currency of its parent entity is Swiss francs. Therefore, the Company concludes that the Swiss franc is its functional currency.

The Company's presentation currency is also the Swiss franc.

2 j) Foreign currency translations

Transactions during the period, including purchases and sales of financial instruments, income and expenses, are translated at the rate of exchange prevailing on the date of the transaction.

Monetary assets and liabilities denominated in foreign currencies are retranslated at the functional currency rate of exchange ruling at the reporting date. Non-monetary items that are measured in terms of historical cost in a foreign currency are translated using the exchange rates as at the dates of the initial transactions. Non-monetary items measured at fair value in a foreign currency are translated using the exchange rates at the date when the fair value was determined.

Foreign currency transaction gains and losses on financial instruments classified as at FVTPL are included in profit or loss in the statement of comprehensive income as part of net trading income (see note 6).

2 k) Cash and cash equivalents

Cash and cash equivalents in the statement of financial position comprise cash on hand and short-term deposits in banks that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value, with original maturities of three months or less. Short-term investments that are not held for the purpose of meeting short-term cash commitments and restricted margin accounts are not considered as 'cash and cash equivalents'.

For the purpose of the statement of cash flows, cash and cash equivalents consist of cash and cash equivalents as defined above, net of outstanding bank overdrafts when applicable.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 NOTES TO THE FINANCIAL STATEMENTS
 For the year ended 31 December 2019

2 Significant accounting policies (continued)

2 l) Investment income

Investment income comprises of interest receivable on the maturity of the Company's term deposits with banks. Interest income is recognised as it accrues and is included in the statement of comprehensive income.

2 m) Net trading income

Net trading income is comprised of gains and losses arising on the purchase, sale and revaluation of financial assets and liabilities at FVTPL, along with gains and losses arising on the revaluation and impairment of financial assets and liabilities held at amortised cost.

2 n) Operating expenses

Fees are recognised on an accrual basis. Refer to note 7 for details of administration fees, audit fees, Directors' fees and parent company service costs.

3 Changes in accounting policies and disclosures

The Company applied for the first time certain standards and amendments, which are effective for annual periods beginning on or after 1 January 2019.

The nature and the impact of each new standard and amendment is described below:

3 a) (i) Effect of first time adoption of IFRS 16 Leases

IFRS 16 supersedes IAS 17 *Leases*, IFRIC 4 *Determining whether an Arrangement contains a Lease*, SIC-15 *Operating Leases-Incentives* and SIC-27 *Evaluating the Substance of Transactions Involving the Legal Form of a Lease*. The standard sets out the principles for the recognition, measurement, presentation and disclosure of leases and requires lessees to recognise most leases on the balance sheet.

Lessor accounting under IFRS 16 is substantially unchanged from IAS 17. Lessors will continue to classify leases as either operating or finance leases using similar principles as in IAS 17. Therefore, IFRS 16 does not have an impact for leases where the Company is the lessor.

As the Company had no contracts which fell within the scope of IAS 17 and IFRIC 4 in prior years it has elected to use the transition practical expedient to not reassess whether a contract is, or contains, a lease. The Company adopted IFRS 16, with the date of initial application of 1 January 2019 and applied it to the lease which was entered during the year. The adoption of IFRS 16 in the current year has had no impact on any prior period figures.

3 a) (ii) Impact of adoption of IFRS 16

The effect of adopting IFRS 16 is as follows:

Impact on the statement of financial position (increase/(decrease)):

	31 December 2019 CHF	31 December 2018 CHF	1 January 2018 CHF
Assets			
Right-of-use assets	304,878	-	-
Total assets	<u>304,878</u>	<u>-</u>	<u>-</u>
Liabilities			
Lease liabilities	335,159	-	-
Total liabilities	<u>335,159</u>	<u>-</u>	<u>-</u>
Equity			
Retained earnings	(30,281)	-	-
Total equity	<u>(30,281)</u>	<u>-</u>	<u>-</u>
Total liabilities and equity	<u>304,878</u>	<u>-</u>	<u>-</u>

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 NOTES TO THE FINANCIAL STATEMENTS
 For the year ended 31 December 2019

3 Changes in accounting policies and disclosures (continued)

3 a) (ii) Impact of adoption of IFRS 16 (continued)

Impact on the consolidated statement of income (increase/(decrease)):

	Year ended 31 December 2019 CHF	Year ended 31 December 2018 CHF
Operating expenses	(27,560)	-
Operating profit	(27,560)	-
Finance costs	(2,721)	
Net comprehensive income/(loss) for the financial year	<u>(30,281)</u>	<u>-</u>

Impact on the consolidated statement of cash flows (increase/(decrease)):

	2019 CHF	2018 CHF
Operating lease payments	(10,939)	-
Interest paid	(2,721)	-
Net cash outflows from operating activities	<u>(13,660)</u>	<u>-</u>
Payment of principal portion of lease liabilities	(13,660)	-
Net cash outflows from financing activities	<u>(13,660)</u>	<u>-</u>

Upon adoption of IFRS 16, the Company applied a single recognition and measurement approach for all leases for which it is the lessee, except for short-term leases and leases of low-value assets. The Company recognised lease liabilities to make lease payments and right-of-use assets representing the right to use the underlying assets. In accordance with the full retrospective method of adoption, the Company applied IFRS 16 at the date of initial application as if it had already been effective at the commencement date of existing lease contracts.

3 b) Amendments to IFRS 9 Prepayment Features with Negative Compensation

Under IFRS 9, a debt instrument can be measured at amortised cost or at fair value through other comprehensive income, provided that the contractual cash flows are 'solely payments of principal and interest on the principal amount outstanding' (the SPPI criterion) and the instrument is held within the appropriate business model for that classification. The amendments to IFRS 9 clarify that a financial asset passes the SPPI criterion regardless of the event or circumstance that causes the early termination of the contract and irrespective of which party pays or receives reasonable compensation for the early termination of the contract.

These amendments have had no impact on the financial statements of the Company.

3 c) Amendments to IAS 12 Income Taxes

The amendments clarify that the income tax consequences of dividends are linked more directly to past transactions or events that generated distributable profits than to distributions to owners. Therefore, an entity recognises the income tax consequences of dividends in profit or loss, other comprehensive income or equity according to where the entity originally recognised those past transactions or events.

An entity applies those amendments for annual reporting periods beginning on or after 1 January 2019, with early application permitted. When an entity first applies those amendments, it applies them to the income tax consequences of dividends recognised on or after the beginning of the earliest comparative period.

These amendments have had no impact on the financial statements of the Company.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 NOTES TO THE FINANCIAL STATEMENTS
 For the year ended 31 December 2019

4 Accounting standards, interpretations and amendments issued by not yet effective

At the date of authorisation of these financial statements, the following relevant standards and interpretations, which have not been applied, were in issue but not yet effective:

4 a) Interest Rate Benchmark Reform amendments to IFRS 9 and IFRS 7

The amendments apply to all hedging relationships that are directly affected by the interest rate benchmark reform. Interest rate benchmark reform refers to the market-wide reform which includes the replacement of an LIBOR with an alternative RFR.

An exposure draft is expected in the first half of 2020 and is expected to be effective from 1 January 2020. These amendments are not expected to have any impact on the financial statements of the Company.

4 b) Definition of Material (Amendments to IAS 1 and IAS 8)

The changes relate to a revised definition of 'material' which is amended to include information that if omitted, misstated or obscured could reasonably be expected to influence decisions that the primary users of general purpose financial statements make on the basis of those financial statements, which provide financial information about a specific reporting entity.

The amendments are effective for accounting periods beginning on or after 1 January 2020. They are not expected to have any impact on the financial statements of the Company.

5 Taxation

The Company is taxed at the Company standard rate (0%) in Guernsey.

6 Net trading income

	Year ended 31 December 2019 CHF	Year ended 31 December 2018 CHF
Gains less losses on instruments held for trading		
Foreign currency	(286,894)	(1,206,201)
Trading securities	4,891,742	(568,480)
Gains less losses on fair value hedging		
Gains less losses from fair value direct hedged items	465,338	201,010
Gains less losses from fair value direct hedging instruments	(227,604)	1,426,095
Gains less losses on instruments designated at fair value		
Financial liabilities designated at fair value through profit or loss	(182,495,621)	85,388,072
Derivatives managed with financial instruments designated at fair value through profit or loss	193,744,169	(74,155,140)
Net trading income	<u>16,091,130</u>	<u>11,085,356</u>

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 NOTES TO THE FINANCIAL STATEMENTS
 For the year ended 31 December 2019

7 Operating expenses	Year ended	Year ended
	31 December 2019	31 December 2018
	CHF	CHF
Administrative expenses		
Administration fees	476,310	644,973
Audit fees	103,127	89,234
Directors' fees	8,903	9,009
Secretarial fees	5,131	-
Other expenses	175,946	63,514
Depreciation	23,185	-
Zürcher Kantonalbank service costs		
Development costs	1,500,000	1,500,000
Product issuing costs	1,500,000	1,500,000
Distribution costs	4,287,570	5,462,816
Risk management fee	2,000,000	2,000,000
Keep-well agreement charges	649,368	583,911
Employee expenses		
Salaries	428,787	398,634
Social security	27,971	26,451
Health insurance	26,880	21,871
Other staff expenses	12,289	3,573
	<u>11,225,467</u>	<u>12,303,986</u>

8 Financial assets and financial liabilities at fair value through profit or loss

Financial assets at fair value through profit or loss	2019	2018
	CHF	CHF
Securities held for trading		
Debt securities	1,385,114,812	1,456,492,514
Listed equity instruments	-	275,918
	<u>1,385,114,812</u>	<u>1,456,768,432</u>
Derivative financial instruments		
Currency forwards	-	456,560
Interest rate caps and floors	-	9,541
Interest rate swaps	12,598,679	8,991,171
Options	8,312,747	5,793,081
Total return swaps	6,513,983	2,218,506
	<u>27,425,409</u>	<u>17,468,859</u>
Total financial assets at fair value through profit or loss	<u>1,412,540,221</u>	<u>1,474,237,291</u>

In the comparative period the Company classified its equity instruments and debt instruments as financial assets held for trading and its derivative financial instruments were designated at FVTPL.

Financial liabilities at fair value through profit or loss	2019	2018
	CHF	CHF
Structured product financial instruments		
Linked to commodities	983,782	971,037
Linked to credit derivatives	137,373,244	176,478,447
Linked to equities / equity indices	1,017,268,490	858,108,322
Linked to foreign exchange	103,590,780	105,004,914
Linked to interest instruments	17,464,885	75,973,743
Linked to mixed derivatives	8,384,910	13,624,640
	<u>1,285,066,091</u>	<u>1,230,161,103</u>

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
NOTES TO THE FINANCIAL STATEMENTS
For the year ended 31 December 2019

8 Financial assets and financial liabilities at fair value through profit or loss (continued)

Financial liabilities at fair value through profit or loss (continued)	2019	2018
	CHF	CHF
Derivative financial instruments		
Credit default swaps	10,986	48,804
Currency forwards	-	217,686
Interest rate swaps	8,154,791	9,271,188
Options	17,572,307	95,443,252
Total return swaps	9,007,750	63,911,429
	<u>34,745,834</u>	<u>168,892,359</u>
Total financial liabilities at fair value through profit or loss	<u>1,319,811,925</u>	<u>1,399,053,462</u>

9 Derivative contracts

Derivative contracts serve as components of the structured product financial liabilities of the Company. The derivative contracts that the Company may hold or issue include: futures; options; forward currency contracts; currency swaps; interest rate caps and floors; interest rate swaps; total return swaps; and credit default swaps.

The Company uses derivative financial instruments to economically hedge its risks associated with fluctuations in the value of structured product financial liabilities and interest rate risk associated with the Guernsey Risk Manager portfolio (the Company does not designate any derivative as a hedging instrument for hedge accounting purposes).

Derivatives often reflect, at their inception, only a mutual exchange of promises with little or no transfer of tangible consideration. However, these instruments frequently involve a high degree of leverage and are very volatile. A relatively small movement in the underlying of a derivative contract may have a significant impact on the value of the contract.

OTC derivatives may expose the Company to the risks associated with absence of an exchange market on which to close out an open position. The counterparty for all derivative contracts in force at the year-end was the Company's parent entity, Zürcher Kantonalbank, and as such no credit valuation adjustments or debit valuation adjustments have been made to the OTC derivatives in the current or previous year. As at the date of signing these financial statements, Standard & Poor's had assigned Zürcher Kantonalbank a credit rating of AAA.

The following table shows the fair value of derivative financial instruments, recorded as assets or liabilities, together with their notional amounts. The notional amount, recorded gross, is the amount of a derivative's underlying asset, reference rate or index and is the basis upon which changes in the value of the derivative are measured. The notional amounts indicate the volume of transactions outstanding at the reporting dates and are not indicative of either market risk or credit risk.

	2019			2018		
	Assets	Liabilities	Notional Amount	Assets	Liabilities	Notional Amount
	CHF	CHF	CHF	CHF	CHF	CHF
Derivatives primarily held for trading purposes						
Credit default swaps	-	10,986	3,300,000	-	48,804	3,300,000
Interest rate caps and floors	-	-	-	9,541	-	6,198,005
Options	8,312,747	17,572,307	468,488,392	5,793,081	95,443,252	482,931,981
Total return swaps	6,513,983	9,007,750	654,996,978	2,218,506	63,911,429	629,236,828
	<u>14,826,730</u>	<u>26,591,043</u>	<u>1,126,785,370</u>	<u>8,021,128</u>	<u>159,403,485</u>	<u>1,121,666,814</u>
Derivatives primarily held for risk management purposes						
Interest rate swaps	12,598,679	8,154,791	1,507,678,730	8,991,171	9,271,188	1,504,820,340
Currency forwards	-	-	-	456,560	217,686	24,944,162
	<u>12,598,679</u>	<u>8,154,791</u>	<u>1,507,678,730</u>	<u>9,447,731</u>	<u>9,488,874</u>	<u>1,529,764,502</u>
Total derivatives	<u>27,425,409</u>	<u>34,745,834</u>	<u>2,634,464,100</u>	<u>17,468,859</u>	<u>168,892,359</u>	<u>2,651,431,316</u>

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 NOTES TO THE FINANCIAL STATEMENTS
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10 Fair value of financial instruments

All assets and liabilities for which fair value is measured or disclosed in the financial statements are categorised within the fair value hierarchy, described as follows, based on the lowest level input that is significant to the fair value measurement as a whole:

- Level 1: Quoted (unadjusted) market prices in active markets for identical assets or liabilities.
- Level 2: Valuation techniques for which the lowest level input that is significant to the fair value measurement is directly or indirectly observable.
- Level 3: Valuation techniques for which the lowest level input that is significant to the fair value measurement is unobservable.

The following table shows financial instruments recognised at fair value:

Recurring fair value measurement of assets and liabilities

	2019				2018			
	Level 1	Level 2	Level 3	Total	Level 1	Level 2	Level 3	Total
	CHF	CHF	CHF	CHF	CHF	CHF	CHF	CHF
Financial assets								
Securities held for trading (note 8)								
Equity instruments	-	-	-	-	275,918	-	-	275,918
Debt instruments	1,336,256,543	48,858,269	-	1,385,114,812	1,429,850,953	26,641,561	-	1,456,492,514
Derivative financial instruments (note 9)								
Currency forwards	-	-	-	-	-	456,560	-	456,560
Interest rate caps and floors	-	-	-	-	-	9,541	-	9,541
Interest rate swaps	-	12,598,679	-	12,598,679	-	8,991,171	-	8,991,171
Options	-	8,312,747	-	8,312,747	-	5,793,081	-	5,793,081
Total return swaps	-	6,513,983	-	6,513,983	-	2,218,506	-	2,218,506
Total financial assets	1,336,256,543	76,283,678	-	1,412,540,221	1,430,126,871	44,110,420	-	1,474,237,291
Financial liabilities								
Structured product financial instruments (note 8)								
Linked to commodities	-	983,782	-	983,782	-	971,037	-	971,037
Linked to credit derivatives	-	137,373,244	-	137,373,244	-	176,478,447	-	176,478,447
Linked to equities / equity indices	-	1,017,268,490	-	1,017,268,490	-	858,108,322	-	858,108,322
Linked to foreign exchange	-	103,590,780	-	103,590,780	-	105,004,914	-	105,004,914
Linked to interest instruments	-	17,464,885	-	17,464,885	-	75,973,743	-	75,973,743
Linked to mixed derivatives	-	8,384,910	-	8,384,910	-	13,624,640	-	13,624,640
Derivative financial instruments (note 9)								
Credit default swaps	-	10,986	-	10,986	-	48,804	-	48,804
Currency forwards	-	-	-	-	-	217,686	-	217,686
Interest rate swaps	-	8,154,791	-	8,154,791	-	9,271,188	-	9,271,188
Options	-	17,572,307	-	17,572,307	-	95,443,252	-	95,443,252
Total return swaps	-	9,007,750	-	9,007,750	-	63,911,429	-	63,911,429
Total financial liabilities	-	1,319,811,925	-	1,319,811,925	-	1,399,053,462	-	1,399,053,462

For all other financial assets and liabilities, the carrying value is an approximation of fair value, including: trade and other receivables; cash and cash equivalents; and trade and other payables.

There were no changes to valuation techniques or transfers between Levels 1, 2 and 3 during the year.

Where there are quoted prices in an active market for identical assets or liabilities, a security is included in Level 1. Where values are based on inputs other than quoted prices included within Level 1, such as quoted prices for similar assets or liabilities in active markets, or quoted prices for identical assets or liabilities in markets that are not active, they are included in Level 2.

The fair values of options are calculated using an option pricing model based on direct market data, e.g., bond or share prices, and indirect market data, e.g., interest, implied volatility and dividend estimates. The fair value of such options is included within Level 2.

The fair values of other derivatives are calculated based on quotes from counterparties to the agreements which are corroborated by market data. The fair value of such interest rate swaps is included within Level 2.

The fair values of structured product financial instruments, which are set up as combinations of the components of the respective structured product, are calculated based on the sum of the valuations of its components. As the fair values of the components of the structured products are either Level 1 (securities held for trading) or Level 2 (term deposits with banks and derivative financial instruments), the fair value of such structured products is included within Level 2.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

NOTES TO THE FINANCIAL STATEMENTS

For the year ended 31 December 2019

11 Financial risk and management objectives and policies

11 a) Introduction

The main risks that the Company is exposed to are credit risk, liquidity risk and market risk (which includes interest rate risk, currency risk and price risk). The Directors regularly review and agree policies for managing each of these risks as summarised below, which includes the use of derivatives and other financial instruments. The risk management guidelines for the Company set out guidelines for identifying, managing and monitoring the risks to which the Company is exposed and in particular:

- define the rules and procedures for managing credit, liquidity and market risks;
- set out the applicable long-term risk policies of the Company and Zürcher Kantonalbank;
- define the entity to which duties and responsibilities in relation to risk monitoring are assigned; and
- provide an overview of relevant powers and responsibilities.

The general guidelines are:

- credit, liquidity and market risks shall be managed in accordance with the rules and policies laid down in the guidelines on risk management for Zürcher Kantonalbank, and its subsidiaries (collectively, the "group") risk policies;
- subject to the constraints of the applicable group risk policies, the Company shall define appropriate limits with a view to mitigating default and market risks;
- Zürcher Kantonalbank shall be responsible for managing risks subject to approved limits;
- Zürcher Kantonalbank shall be responsible for quantifying risk, preparing reports on risk monitoring conducted, and reporting on risks; and
- the Directors of the Company shall be entitled to limit the level of risk exposure and the list of approved products at any time.

There were no changes to the Company's risk management guidelines during the reporting period.

11 b) Risk management structure

The Chief Executive Officer of the Company is responsible for monitoring both the liquidity and solvency of the Company and compliance with the Company's risk limits. Furthermore, the Chief Executive Officer is also responsible for documenting risks limits, defining actions to be taken in the event of a breach of any of those limits, informing the Directors of any limit breaches and subsequent actions taken.

The Directors supervise management and are ultimately responsible for the overall risk management of the Company.

11 c) Risk measurement and reporting system

Risk measurement, preparation of risk monitoring reports and risk reporting have been delegated to Zürcher Kantonalbank. To ensure a constant monitoring of risk by the Company's management, a risk report is prepared by Zürcher Kantonalbank on a daily basis and is sent to the management of the Company.

The Directors of the Company have defined the following sensitivity limits for credit risk, interest rate risk and currency risk, as well as counterparty exposure limits, which are calculated on a daily or weekly basis by Zürcher Kantonalbank.

11 c) (i) Credit spread risk sensitivity limits

Credit spread risk refers to debt instruments and is related to daily changes in the spread of an instrument's yield curve over the zero-coupon Treasury yield curve (the z-spread). The sensitivity limit defines the maximum profit and loss daily change limit permitted on the theoretical hedging costs on the Company's treasury management portfolio. The Directors have defined a maximum credit spread sensitivity ("DV01") per issuer with a view to mitigating the credit risk associated with debt instruments.

DV01 is calculated as the sensitivity of a contract to a 1 basis point fluctuation in the credit spread curve and is set at a level that the Directors believe allows for sufficient returns to be generated on the Company's securities held for trading without exposing it to excessive credit risk.

	2019		2018	
	Current	Maximum credit spread	Current	Maximum credit spread
	CHF	CHF	CHF	CHF
DV01 per issuer	9,522	< 35,000	6,023	< 35,000

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
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 For the year ended 31 December 2019

11 Financial risk and management objectives and policies (continued)

11 c) (ii) Counterparty exposure limits

Counterparty exposure refers to the debt instruments within securities held for trading and relates to the risk of issuer default. The Directors have defined minimum credit ratings and maximum permitted nominal holdings per issuer for each credit rating category with a view to mitigating the default risk associated with securities.

Counterparty exposure is calculated on an aggregate basis for all securities held for trading within the treasury management portfolio, and is based on the lower of the two ratings provided by Standard & Poors and Moody's ratings agencies.

	2019				2018			
	Nominal limit per issuer	Maximum exposure to any one issuer	Maximum residual term	Maximum residual term of any one issuer	Counterparty limit per issuer	Maximum exposure to any one issuer	Maximum residual term	Maximum residual term of any one issuer
	CHF	CHF			CHF	CHF		
Long term rating AAA	100,000,000	29,915,000	no limit	33 months	100,000,000	6,515,000	no limit	34 months
Long term rating between AA+ and AA-	50,000,000	37,735,000	no limit	45 months	50,000,000	42,241,500	no limit	57 months
Long term rating between A+ and A	30,000,000	29,915,000	no limit	46 months	30,000,000	29,946,950	no limit	34 months
Long term rating A-	30,000,000	15,257,045	15 months	35 months	30,000,000	8,251,986	15 months	21 months
Long term rating BBB+	15,000,000	13,891,941	15 months	7 months	15,000,000	25,245,000	15 months	14 months
Long term rating BBB	15,000,000	15,000,000	15 months	9 months	15,000,000	550,000	15 months	6 months
Long term rating BBB-	15,000,000	13,460,000	15 months	11 months	15,000,000	-	15 months	-
Long term rating BB+ and lower	0	-	n/a	-	0	-	n/a	-

The Directors have approved temporary exceptions to the counterparty limit policy in respect of the below holdings. It is the opinion of the Directors that these securities can continue to be held until their maturity or until market conditions allow for their disposal.

	Long term rating	Nominal holding	Residual term
		CHF	
Issuer A	A-	6,295,000	35 months
Issuer A	A-	5,449,061	32 months
Issuer A	A-	2,018,161	16 months

11 c) (iii) Interest rate sensitivity limits

Interest rate sensitivity is measured by reference to Rho, which is the rate at which the price of a derivative changes relative to a change in the risk free rate of interest. It is expressed as the amount of money, per share of the underlying, that the value of the option will gain or lose as the risk free interest rate rises or falls by one basis point.

	2019		2018	
	Limit	Sensitivity	Limit	Sensitivity
	CHF	CHF	CHF	CHF
Effect of 1 basis point movement in risk free interest rate	+/- 100,000	+/- 8,476	+/- 100,000	+/- 33,206

11 c) (iv) Foreign currency limits

The foreign exchange sensitivity limit is the maximum permitted movement in profit or loss caused by a 1% movement in the value of the Swiss franc.

	2019		2018	
	Limit	Sensitivity	Limit	Sensitivity
	CHF	CHF	CHF	CHF
Effect of 1% movement in the value of the Swiss franc	+/- 1,000,000	+/- 237	+/- 1,000,000	+/- 756

11 d) Risk mitigation

The Company uses derivatives and other financial instruments for trading purposes to manage exposures resulting from changes in credit risks, interest and foreign currency rates.

11 e) Credit Risk

Credit risk is the risk that the counterparty to a financial instrument will cause a financial loss to the Company by failing to discharge an obligation. The Company is exposed to the risk of credit-related loss that can occur as a result of a counterparty or issuer being unable or unwilling to honour its contractual obligations. These credit exposures exist within debt instruments, derivative assets, short term receivables and cash and cash equivalents.

Credit risk disclosures are segmented into two sections based on whether the underlying financial instrument is subject to IFRS 9's impairment disclosures or not.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
NOTES TO THE FINANCIAL STATEMENTS
For the year ended 31 December 2019

11 Financial risk and management objectives and policies (continued)

11 e) (i) Financial assets subject to IFRS 9's impairment requirements

The Company's only financial assets subject to the ECL model within IFRS 9 are short term trade and other receivables. At 31 December 2019, the total of short-term trade and receivables was CHF nil, on which no loss allowance has been provided (31 December 2018: total of CHF nil, on which no loss had been incurred). There is not considered to be any concentration of credit risk within these assets. No assets are considered impaired and no amounts have been written off in the period.

As all trade and other receivables are impacted by IFRS 9 ECL model the Company has adopted the simplified approach. The loss allowance shown is therefore based on lifetime ECLs.

In calculating the loss allowance, a provision matrix has been used based on historical observed loss rates over the expected life of the receivables adjusted for forward-looking estimates. Items have been grouped by their nature into the following categories: accrued income; amounts due from counterparties; and other receivables.

11 e) (ii) Financial assets not subject to IFRS 9's impairment requirements

The Company is exposed to credit risk on debt instruments and derivative assets. These classes of financial assets are not subject to IFRS 9's impairment requirements as they are measured at FVTPL. The carrying value of these assets represent the Company's maximum exposure to credit risk on financial instruments not subject to the IFRS 9 impairment requirements on the respective reporting dates. Hence, no separate maximum exposure to credit risk disclosure is provided for these instruments.

The following table analyses the sensitivity of the Company's treasury management portfolio to changes in credit spreads:

Securities held for trading - Guernsey treasury management portfolio	2019 CHF	2018 CHF
Market scenario:		
1 basis point change in the difference in yields between treasury and non-treasury securities	<u>172,416</u>	<u>160,215</u>

The following tables analyse the Company's securities held for trading by rating agency category:

Securities held for trading - Guernsey treasury management portfolio	Fair value CHF	Rating	Allocation
As at 31 December 2019:			
Bonds receivable	130,020,735	AAA	9%
Bonds receivable	347,794,694	AA	25%
Bonds receivable	803,248,380	A	59%
Bonds receivable	91,127,708	BBB	7%
	<u>1,372,191,517</u>		<u>100%</u>
As at 31 December 2018:			
Bonds receivable	44,775,904	AAA	3%
Bonds receivable	388,399,288	AA	28%
Bonds receivable	867,110,123	A	62%
Bonds receivable	40,648,885	BBB	3%
Bonds receivable	52,957,728	No rating	4%
	<u>1,393,891,928</u>		<u>100%</u>
Securities held for trading - as direct hedging instruments			
	Fair value CHF	Rating	Allocation
As at 31 December 2019:			
Bonds receivable	2,800,857	AAA	21%
Bonds receivable	206,983	AA	2%
Bonds receivable	552,605	A	4%
Bonds receivable	3,415,884	BBB	26%
Bonds receivable	3,196,957	BB	25%
Bonds receivable	2,536,970	B	20%
Bonds receivable	213,039	No rating	2%
	<u>12,923,295</u>		<u>100%</u>

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 NOTES TO THE FINANCIAL STATEMENTS
 For the year ended 31 December 2019

11 Financial risk and management objectives and policies (continued)

11 e) (ii) Financial assets not subject to IFRS 9's impairment requirements (continued)

As at 31 December 2018:

Bonds receivable	3,979,948	AAA	6%
Bonds receivable	853,286	AA	1%
Bonds receivable	5,670,946	A	9%
Bonds receivable	20,702,785	BBB	33%
Bonds receivable	22,841,974	BB	36%
Bonds receivable	2,107,251	B	3%
Bonds receivable	6,444,396	No rating	11%
Stocks held	275,918		1%
	<u>62,876,504</u>		<u>100%</u>

The securities listed above are held as direct hedging instruments for risk management purposes and are not subject to the counterparty limits shown in note 11 c) (ii).

Concentration of credit risk within securities held for trading is managed by counterparty, geographical region and industry sector. The Company has no major exposure to any one counterparty in the treasury management portfolio (see note 11 c) (ii)).

11 e) (ii) Financial assets not subject to IFRS 9's impairment requirements (continued)

The following table analyses the concentration of credit risk by geographical distribution (based on counterparties' country of domicile):

	2019		2018	
	% of debt instruments	% of derivatives	% of debt instruments	% of derivatives
Australia	7%	0%	7%	0%
China	13%	0%	13%	0%
European Union	41%	0%	38%	0%
New Zealand	5%	0%	10%	0%
Switzerland	6%	100%	2%	100%
United States of America	9%	0%	9%	0%
Others	19%	0%	21%	0%
	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>

The following table analyses the concentration of credit risk in the Company's treasury management portfolio by industrial distribution:

	2019		2018	
	% of debt instruments	% of derivatives	% of debt instruments	% of derivatives
Financial	70%	100%	71%	100%
Industrial	5%	0%	7%	0%
Sovereign	6%	0%	8%	0%
Supranational	3%	0%	5%	0%
Others	16%	0%	9%	0%
	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>

11 f) Liquidity risk

Liquidity risk is defined as the risk that the Company will encounter difficulty in meeting obligations associated with financial liabilities that are settled by delivering cash or another financial asset. Exposure to liquidity arises because of the possibility that the Company could be required to pay its liabilities earlier than expected. The Company is exposed to cash repayments of its structured product financial liabilities on a regular basis.

There is no direct matching of the maturity profiles of the structured products with the securities held, however the Company's liquidity profile is constantly monitored as an important part of the treasury management process. Liquidity risk management consists of short term (3 months) and long term (3 years) monitoring of cash flows.

The following tables show a net liquidity surplus for the next year, when the treasury management portfolio is classified according to final maturity dates. The securities held in the treasury management portfolio are primarily debt instruments which, under normal market conditions are readily convertible to cash. As such their final maturity dates are not intended to closely match the final maturity profile of financial liabilities held at FVTPL:

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
NOTES TO THE FINANCIAL STATEMENTS
For the year ended 31 December 2019

11 Financial risk and management objectives and policies (continued)

11 f) Liquidity risk (continued)

	2019	2019	2019	2019	2019	2019	31 December
	Up to	From one to	From two to	From three to	From four to	Five years	2019
	one year	two years	three years	four years	five years	and over	Total
	CHF	CHF	CHF	CHF	CHF	CHF	CHF
Assets							
Cash, amounts due from banks, money at call	54,655,711	-	-	-	-	-	54,655,711
Accrued interest receivable and prepayments	9,137,206	-	-	-	-	-	9,137,206
Securities held for trading, designated at FVTPL	640,152,787	472,001,039	195,184,987	71,536,518	1,462,248	4,777,233	1,385,114,812
Derivative financial instruments held at FVTPL	9,527,534	4,501,199	1,667,356	1,486,024	3,825,529	6,417,767	27,425,409
Liabilities							
Lease liabilities	(335,159)	-	-	-	-	-	(335,159)
Amounts due to banks	(48,593,322)	-	-	-	-	-	(48,593,322)
Accrued interest payable and accrued expenses	(1,284,324)	-	-	-	-	-	(1,284,324)
Derivative financial instruments held at FVTPL	(20,240,145)	(8,941,748)	(2,190,433)	-	(412,847)	(2,960,661)	(34,745,834)
Financial liabilities held at FVTPL	(721,146,937)	(427,393,828)	(62,457,572)	(24,878,022)	(20,757,632)	(28,432,100)	(1,285,066,091)
Net Liquidity	(78,126,649)	40,166,662	132,204,338	48,144,520	(15,882,702)	(20,197,761)	106,308,408

The undiscounted contractual liabilities of the Company excluding accrued interest at 31 December 2019 are as follows:

Financial liabilities held at fair value through profit or loss	710,698,416	431,631,683	62,765,418	25,013,708	18,386,452	27,746,294	1,276,241,971
	2018	2018	2018	2018	2018	2018	31 December
	Up to	From one to	From two to	From three to	From four to	Five years	2018
	one year	two years	three years	four years	five years	and over	Total
	CHF	CHF	CHF	CHF	CHF	CHF	CHF
Assets							
Cash, amounts due from banks, money at call	60,031,606	-	-	-	-	-	60,031,606
Accrued interest receivable and prepayments	-	-	-	-	-	-	-
Securities held for trading, designated at FVTPL	612,311,315	682,480,871	113,826,971	7,716,459	5,277,179	35,155,637	1,456,768,432
Derivative financial instruments held at FVTPL	3,622,066	4,817,544	865,683	1,082,786	946,192	6,134,588	17,468,859
Liabilities							
Amounts due to banks	(41,294,977)	-	-	-	-	-	(41,294,977)
Accrued interest payable and accrued expenses	(1,087,843)	-	-	-	-	-	(1,087,843)
Derivative financial instruments held at FVTPL	(121,822,626)	(33,791,101)	(8,205,209)	(2,467,801)	(546,062)	(2,059,560)	(168,892,359)
Financial liabilities held at FVTPL	(633,465,479)	(388,006,013)	(126,380,066)	(11,957,929)	(33,286,560)	(37,065,056)	(1,230,161,103)
Net Liquidity	(121,705,938)	265,501,301	(19,892,621)	(5,626,485)	(27,609,251)	2,165,609	92,832,615

The undiscounted contractual liabilities of the Company excluding accrued interest at 31 December 2018 are as follows:

Financial liabilities held at fair value through profit or loss	629,853,873	328,963,143	300,096,877	56,180,033	11,088,835	42,608,620	1,368,791,381
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11 g) Market risk

Market risk is the risk that the fair value or future cash flows of financial instruments will fluctuate due to changes in market variables such as interest rates, foreign exchange rates and equity prices. The maximum risk resulting from financial instruments, except for written equity-linked derivatives, equals their fair value. With written equity-linked derivatives, the Company bears the market risk of an unfavourable change in the price of the security underlying the option.

11 g) (i) Interest rate risk

Interest rate risk arises from the possibility that changes in interest rates will affect future cash flows or the fair value of financial instruments. The Company writes interest rate derivatives, mainly being interest rate swaps in which the Company agrees to exchange, at specified intervals. The difference between fixed and variable interest amounts is calculated by reference to an agreed-upon notional principal amount in an effort to manage these risks. The majority of interest rate exposure arises on investment in debt securities and the interest rate profile is shown below.

The following table analyses the Company's interest rate exposure. The Company's assets and liabilities are included at their carrying amount and are categorised by their maturity dates:

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 For the year ended 31 December 2019

11 Financial risk and management objectives and policies (continued)

11 g) (i) Interest rate risk (continued)

The interest rate profile of the Company at 31 December 2019:	Total CHF	Variable rate CHF	Fixed rate CHF	No net interest
				rate risk CHF
Assets				
Right-of-use assets	304,878	-	-	304,878
Cash, amounts due from banks, money at call	54,655,711	-	-	54,655,711
Accrued interest receivable and prepayments	9,137,206	-	-	9,137,206
Securities held for trading, designated at FVTPL	1,385,114,812	149,509,901	1,230,192,615	5,412,296
Derivative financial instruments held at FVTPL	27,425,409	12,598,679	-	14,826,730
Total Assets	1,476,638,016	162,108,580	1,230,192,615	84,336,821
Liabilities and Shareholder's funds				
Lease liabilities	335,159	-	-	335,159
Amounts due to banks	48,593,322	-	-	48,593,322
Accrued interest payable and accrued expenses	1,284,324	-	-	1,284,324
Derivative financial instruments held at FVTPL	34,745,834	8,154,791	-	26,591,043
Structured product financial liabilities held at FVTPL	1,285,066,091	44,012,116	-	1,241,053,975
Share capital	1,000,000	-	-	1,000,000
Retained earnings	105,613,286	-	-	105,613,286
Total Liabilities and Shareholder's Funds	1,476,638,016	52,166,907	-	1,424,471,109

The interest rate profile of the Company at 31 December 2018:	Total CHF	Variable rate CHF	Fixed rate CHF	No net interest
				rate risk CHF
Assets				
Cash, amounts due from banks, money at call	60,031,606	471,854	-	59,559,752
Accrued interest receivable and prepayments	-	-	-	-
Securities held for trading, designated at FVTPL	1,456,768,432	238,922,885	1,217,569,629	275,918
Derivative financial instruments held at FVTPL	17,468,859	8,991,171	-	8,477,688
Total Assets	1,534,268,897	248,385,910	1,217,569,629	68,313,358
Liabilities and Shareholder's funds				
Amounts due to banks	41,294,977	-	-	41,294,977
Accrued interest payable and accrued expenses	1,087,843	-	-	1,087,843
Derivative financial instruments held at FVTPL	168,892,359	9,271,188	-	159,621,171
Structured product financial liabilities held at FVTPL	1,230,161,103	9,746,285	-	1,220,414,818
Share capital	-	-	-	-
Retained earnings	102,201,437	-	-	102,201,437
Total Liabilities and Shareholder's Funds	1,543,637,719	19,017,473	-	1,524,620,247

11 g) (ii) Currency risk

Currency risk is the risk that the value of a financial instrument will fluctuate due to changes in foreign exchange rates. The Company invests in securities and issues structured products that are denominated in currencies other than the Swiss franc. Accordingly, the value of the Company's assets and liabilities may be affected favourably or unfavourably by fluctuations in currency rates.

The Company writes derivatives, such as currency forwards, to hedge foreign currency denominated financial instruments and increases or decreases in the fair value of the Company's foreign currency denominated financial assets and liabilities are partially offset by gains and losses on the economic hedging instruments.

The following table indicates the currencies to which the Company had significant exposure as at 31 December on its monetary assets and liabilities.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
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11 Financial risk and management objectives and policies (continued)

11 g) (ii) Currency risk (continued)

Currency profile of the Company as at 31 December 2019:

	Total CHF	Swiss Franc CHF	Euro CHF	US Dollar CHF	British Pound CHF	Other CHF
Assets						
Right of use assets	304,878	-	-	-	304,878	-
Cash, amounts due from banks, money at call	54,655,711	53,728,584	-	-	544,965	382,162
Accrued interest receivable and prepayments	9,137,206	6,646,832	1,103,325	1,262,278	43,483	81,288
Securities held for trading, designated at FVTPL	1,385,114,812	928,570,034	251,321,934	199,987,297	-	5,235,547
Derivative financial instruments held at FVTPL	27,425,409	18,637,299	3,186,566	5,587,265	-	14,279
Total Assets	1,476,638,016	1,007,582,749	255,611,825	206,836,840	893,326	5,713,276
	100.00%	68.23%	17.31%	14.01%	0.06%	0.39%
Liabilities						
Lease liabilities	335,159	-	-	-	335,159	-
Amounts due to banks	48,593,322	21,707,631	25,771,520	420,766	466,301	227,104
Accrued interest payable and accrued expenses	1,284,324	1,074,815	-	-	145,277	64,232
Derivative financial instruments held at FVTPL	34,745,834	24,277,934	7,098,219	3,360,731	8,950	-
Structured product financial liabilities held at FVTPL	1,285,066,091	856,597,597	222,504,179	202,917,445	264,366	2,782,504
Total Liabilities	1,370,024,730	903,657,977	255,373,918	206,698,942	1,220,053	3,073,840
	100.00%	65.96%	18.64%	15.09%	0.09%	0.22%

Currency profile of the Company as at 31 December 2018:

	Total CHF	Swiss Franc CHF	Euro CHF	US Dollar CHF	British Pound CHF	Other CHF
Assets						
Cash, amounts due from banks, money at call	60,031,606	56,586,765	-	-	3,179,547	265,294
Accrued interest receivable and prepayments	9,540,952	5,780,189	1,886,535	1,479,152	269,483	125,593
Securities held for trading, designated at FVTPL	1,456,768,432	913,826,629	311,874,408	213,570,403	8,738,000	8,758,992
Derivative financial instruments held at FVTPL	17,468,859	11,217,314	2,763,948	3,325,528	136,485	25,584
Total Assets	1,543,809,849	987,410,897	316,524,891	218,375,083	12,323,515	9,175,463
	100.00%	63.96%	20.50%	14.15%	0.80%	0.59%
Liabilities						
Amounts due to banks	41,294,977	12,640,103	21,581,815	6,575,535	411,858	85,666
Accrued interest payable and accrued expenses	1,711,256	1,473,693	-	-	237,563	-
Derivative financial instruments held at FVTPL	168,892,359	127,943,800	29,569,045	11,379,514	-	-
Structured product financial liabilities held at FVTPL	1,230,161,103	747,496,812	267,247,486	208,413,410	1,780,755	5,222,640
Total Liabilities	1,442,059,695	889,554,408	318,398,345	226,368,459	2,430,176	5,308,306
	100.00%	61.69%	22.08%	15.70%	0.17%	0.37%

11 g) (iii) Price risk

Equity price risk is the risk of unfavourable changes in the fair value of equity instruments or equity-linked derivatives as a result of changes in the levels of equity indices and the value of individual shares. The Company manages equity risk on its exposure to equity-linked structured products by writing equity-linked derivatives as a hedge against the movement in their price. The Company is therefore only exposed to equity price risk on the revaluation of equities purchased to meet obligations under equity-settled structured product liabilities which are valued based on the equity purchase price and are therefore subsequently settled at nil gain/loss.

Management's best estimate of the effect on profit or loss for a year due to a reasonably possible change in equity indices, with all other variables held constant, is indicated in the table below. There is no effect on other comprehensive income as the Company has no assets classified as fair value through other comprehensive income or designated hedging instruments. In practice the actual trading results may differ from the sensitivity analysis below and the difference could be material. An equivalent decrease in equity indices as shown below would have resulted in an equivalent, but opposite, impact.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 NOTES TO THE FINANCIAL STATEMENTS
 For the year ended 31 December 2019

11 Financial risk and management objectives and policies (continued)

11 g) (iii) Price risk (continued)

	Change in equity index %	Effect on net income for the year	
		2019 CHF	2018 CHF
Stoxx Europe 600 Index	+/- 10	-	+/- 7,370
Swiss All Share Index	+/- 10	-	+/- 20,221

The effect of changes in bond prices resulting from variations in interest rates are quantified in notes 11 c) (iii) and 11 g) (i).

12 Leases

The Company has a 6-year lease contract in respect of office premises used in its operations. The Company is restricted under the terms of this lease from assigning and subleasing the premises with the prior consent of the lessor.

Set out below of the carrying amount of right-to-use assets recognised and the movements during the year:

	Office Premises CHF	Total CHF
As at 1 January 2018	-	-
As at 31 December 2018	-	-
Additions	322,425	322,425
Fair value adjustment	5,638	5,638
Depreciation expense	(23,185)	(23,185)
As at 31 December 2019	304,878	304,878

Set out below are the carrying amount of lease liabilities (included under interest-bearing loans and borrowings) and the movements during the year:

	2019 CHF	2018 CHF
As at 1 January	-	-
Additions	322,425	-
Fair value adjustment	5,638	-
Accretion of interest	2,721	-
Payments	(13,660)	-
Foreign exchange differences	18,035	-
As at 31 December	335,159	-
Current (see note 14)	57,337	-
Non-current (see note 14)	277,822	-

The maturity analysis of lease liabilities are disclosed in note 15.

The following are the amounts recognised in the statement of income:

	2019 CHF	2018 CHF
Depreciation expense of right-of-use assets	23,185	-
Interest expense on lease liabilities	(2,721)	-
Gain/(loss) on revaluation of lease liabilities	18,035	-
Total amount recognised in statement of income	38,499	-

The Company had total cash outflows for leases of CHF 13,660 in 2019 (CHF nil in 2018).

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 NOTES TO THE FINANCIAL STATEMENTS
 For the year ended 31 December 2019

13 Cash, amounts due from / to banks, money at call

	2019 CHF	2018 CHF
Due from banks, Guernsey	248,424	471,854
Due from banks, Zürcher Kantonalbank	54,407,287	59,559,752
	<u>54,655,711</u>	<u>60,031,606</u>
Due to banks, Zürcher Kantonalbank	(48,593,322)	(41,294,977)
	<u>(48,593,322)</u>	<u>(41,294,977)</u>
Total net cash, amounts due from / to banks, money at call	<u>6,062,389</u>	<u>18,736,629</u>

The amounts due from banks in Guernsey accrue interest income at variable market rates. The amounts due to and from Zürcher Kantonalbank do not accrue interest.

14 Lease liabilities

	Interest rate %	Maturity	2019 CHF	2018 CHF
Current interest-bearing loans and borrowings				
Lease liabilities (see note 12)	2.0	2020	57,337	-
Total current interest-bearing loans and borrowings			<u>57,337</u>	<u>-</u>
Non-current interest-bearing loans and borrowings				
Lease liabilities (see note 12)	2.0	2021 - 2025	277,822	-
Total non-current interest-bearing loans and borrowings			<u>277,822</u>	<u>-</u>
Total interest-bearing loans and borrowings			<u>335,159</u>	<u>-</u>

15 Changes in liabilities arising from financing activities

	1 January 2019 CHF	New leases CHF	Cash flows CHF	Foreign exchange Other differences CHF	31 December 2019 CHF
Assets					
Current lease liabilities (see note 12)	-	42,067	(13,660)	26,577	2,353
Non-current lease liabilities (see note 12)	-	280,358	-	(18,218)	15,682
Total Assets	<u>-</u>	<u>322,425</u>	<u>(13,660)</u>	<u>8,359</u>	<u>18,035</u>
					<u>335,159</u>

The 'other' column includes the effect of reclassification of non-current portion of interest-bearing lease liabilities due to the passage of time, the effect of accrued but not yet paid interest on lease liabilities and any fair value adjustments resulting from changes in contractual lease payments. The Company classifies interest paid as cashflows from operating activities.

16 Share capital

	2019 CHF	2018 CHF
Authorised		
1,000 Ordinary shares of CHF1,000 each	<u>1,000,000</u>	<u>1,000,000</u>
Allotted, called up and fully paid		
1,000 Ordinary shares of CHF1,000 each	<u>1,000,000</u>	<u>1,000,000</u>

Each holder of a fully paid ordinary share is entitled to one vote for each share owned. When and as dividends are declared upon the ordinary share capital of the Company, the holders of ordinary shares are entitled to share equally, share for share, in such dividends. In the event of liquidation of the Company, the holders of ordinary shares shall be entitled to receive any of the remaining assets of the Company after the distribution of all preferred amounts. The amount distributed will be in proportion to the number of equity shares held by the shareholders.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
NOTES TO THE FINANCIAL STATEMENTS
For the year ended 31 December 2019

17 Capital management

The Company considers its capital to comprise its share capital and retained earnings which amounted CHF 106,613,286 as at 31 December 2019 (2018: CHF 101,750,154). The Company's capital management objectives are to achieve consistent returns while safeguarding capital and to maintain sufficient liquidity to meet the expenses of the Company and to meet its liabilities as they arise.

To achieve the above objectives, the Company invests in term deposits with group approved banks and bonds with an appropriate credit rating (see note 11).

The Company is not subject to externally imposed capital requirements and has no restrictions on the issue or repurchase of ordinary shares.

18 Related party disclosures

Parent and ultimate controlling party

The immediate and ultimate parent undertaking is Zürcher Kantonalbank, a Company incorporated in Switzerland.

Transactions with related parties

The following table provides the total amount of transactions that have been entered into with related parties for the relevant financial year:

		Income Year ended 31 December CHF	Expenses Year ended 31 December CHF	Due to related party 31 December CHF	Due from related party 31 December CHF
Parent:					
Zürcher Kantonalbank	2019	11,020,944	9,936,938	1,048,684	-
	2018	12,659,027	11,046,727	941,502	-
Bank accounts held with parent Company	2019	-	-	48,593,322	54,407,287
	2018	-	-	41,294,977	59,559,752
Derivative contracts with parent Company	2019	-	-	34,745,834	27,425,409
	2018	-	-	168,892,359	17,468,859
Structured products held by parent Company	2019	-	-	97,910,014	-
	2018	-	-	110,010,886	-
Other related parties:					
Butterfield Trust (Guernsey) Limited	2019	-	476,310	-	-
	2018	-	644,973	156,939	-

Terms and conditions of transactions with related parties

Outstanding balances at the year end are unsecured and interest free and settlement occurs in cash. There have been no guarantees provided or received for any related party receivables or payables.

Transactions with key management personnel

Key management personnel, defined as the Board of Directors and Chief Executive Officer, received the following compensation during the

	Year ended 31 December 2019 CHF	Year ended 31 December 2018 CHF
Short-term employee benefits	<u>175,148</u>	<u>180,438</u>

Other Directors' interests

Mr PDH Hodgson, who was a Director of the Company until 31 October 2019, is also a Director of Butterfield Trust (Guernsey) Limited, who acted as administrators for Zürcher Kantonalbank Finance (Guernsey) Limited until 30 September 2019. Details of the fees paid to Butterfield Trust (Guernsey) Limited for services rendered are shown in the above table.

19 Events after the statement of financial position date

Since the reporting date, the Covid-19 global pandemic has caused significant volatility in financial markets and interruption to the operational activities of companies around the world.

There have been no significant changes to the composition of the statement of financial position since the reporting date. The Directors are of the opinion that the Company continues to have adequate financial resources to continue in operational existence for the foreseeable future, and appropriate operational measures have been taken by management to ensure that the business can continue to operate in the event that restrictions on the movement of employees is enforced.

**ZÜRCHER KANTONALBANK FINANCE
(GUERNSEY) LIMITED**

ANNUAL REPORT & AUDITED FINANCIAL STATEMENTS

For the year ended 31 December 2020

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

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ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

COMPANY INFORMATION

Directors F O Oegerli, Chairman (i)
S Stadelmann, Vice Chairman (i)
R S Duchemin
J W Renouf (ii)

(i) Member of Audit Committee
(ii) Chairman of Audit Committee

Secretary Alter Domus (Guernsey) Limited

Registered office Bordage House
Le Bordage
St Peter Port
Guernsey GY1 1BU

Auditor Ernst & Young LLP
Royal Chambers
St Julian's Avenue
St Peter Port
Guernsey GY1 4AF

Bankers Zürcher Kantonalbank
Bahnhofstrasse 9
PO Box 8010
Zürich
Switzerland

NatWest International
PO Box 62
Royal Bank Place
1 Gategny Esplanade
St Peter Port
Guernsey GY1 4BQ

Custodian Zürcher Kantonalbank
Bahnhofstrasse 9
PO Box 8010
Zürich
Switzerland

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

DIRECTORS' REPORT

The Directors submit their report and the audited financial statements for the year ended 31 December 2020.

Activities

The principal activity of Zürcher Kantonalbank Finance (Guernsey) Limited ("the Company") is to carry on business as a finance company and to borrow or raise money by the issue of financial instruments of whatsoever nature.

Results

The results of the Company are shown in the Statement of Comprehensive Income on page 6.

Dividend

The Directors do not recommend the payment of a dividend.

Directors

The Directors of the Company are those listed in the Company Information.

Statement of Directors' responsibilities in respect of the financial statements

The Directors are responsible for preparing the financial statements in accordance with applicable Guernsey law and generally accepted accounting principles.

Guernsey company law requires the Directors to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the Company and of the profit or loss of the Company for that year. In preparing those financial statements, the Directors should:

- select suitable accounting policies and then apply them consistently;
- make judgements and estimates that are reasonable and prudent;
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the Company will continue in business.

The Directors are responsible for keeping proper accounting records that disclose with reasonable accuracy at any time the financial position of the Company and to enable them to ensure that the financial statements comply with the Companies (Guernsey) Law, 2008. They are also responsible for safeguarding the assets of the Company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

So far as each of the Directors is aware, there is no relevant audit information of which the Company's auditor is unaware, and each has taken all the steps he ought to have taken as a Director to make himself aware of any relevant audit information, and to establish that the Company's auditor is aware of that information.

Going concern

As detailed in note 2) (b) to these financial statements, the Directors have assessed the impact of the Covid-19 global pandemic on the Company and consider that the Company has adequate financial resources and believe that the Company has adopted appropriate measures to ensure that it can continue in operational existence for the foreseeable future. As such the Directors are satisfied that it is appropriate to prepare the financial statements on a going concern basis.

Auditor

A resolution to reappoint Ernst & Young LLP as auditor will be put to the members at the Annual General Meeting.

For and on behalf of the Board:



Director



Director

18 March 2021

Date

INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

Opinion

We have audited the financial statements of Zürcher Kantonalbank Finance (Guernsey) Limited (the "company") for the year ended 31 December 2020 which comprise the Statement of Comprehensive Income, the Statement of Financial Position, the Statement of Changes in Equity, the Statement of Cashflows and the related notes 1 to 19, including a summary of significant accounting policies. The financial reporting framework that has been applied in their preparation is applicable law and International Financial Reporting Standards as adopted by the European Union.

In our opinion, the financial statements:

- give a true and fair view of the state of the company's affairs as at 31 December 2020 and of its results for the year then ended;
- have been properly prepared in accordance with International Financial Reporting Standards as adopted by the European Union; and
- have been properly prepared in accordance with the requirements of the Companies (Guernsey) Law, 2008.

Basis for opinion

We conducted our audit in accordance with International Standards on Auditing (UK) (ISAs (UK)) and applicable law. Our responsibilities under those standards are further described in the Auditor's responsibilities for the audit of the financial statements section of our report. We are independent of the company in accordance with the ethical requirements that are relevant to our audit of the financial statements, including the UK FRC's Ethical Standard, 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

Conclusions relating to going concern

In auditing the financial statements, we have concluded that the directors' use of the going concern basis of accounting in the preparation of the financial statements is appropriate.

Based on the work we have performed, we have not identified any material uncertainties relating to events or conditions that, individually or collectively, may cast significant doubt on the company's ability to continue as a going concern up until 30 June 2022.

Our responsibilities and the responsibilities of the directors with respect to going concern are described in the relevant sections of this report. However, because not all future events or conditions can be predicted, this statement is not a guarantee as to the company's ability to continue as a going concern.

Other information

The other information comprises the information included in the annual report, other than the financial statements and our auditor's report thereon. The directors are responsible for the other information contained within the annual report.

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

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 course of the audit or otherwise appears to be materially misstated. If we identify such material inconsistencies or apparent material misstatements, we are required to determine whether there is a material misstatement in the financial statements themselves. If, based on the work we have performed, we conclude that there is a material misstatement of the other information, we are required to report that fact.

We have nothing to report in this regard.

INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

Matters on which we are required to report by exception

We have nothing to report in respect of the following matters in relation to which the Companies (Guernsey) Law, 2008 requires us to report to you if, in our opinion:

- proper accounting records have not been kept by the company; or
- the financial statements are not in agreement with the company's accounting records and returns; or
- we have not received all the information and explanations we require for our audit.

Responsibilities of directors

As explained more fully in the Statement of Directors' responsibilities in respect of the financial set out on page 2, the directors are responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view, and for such internal control as the directors determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the directors are responsible for assessing the company'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 the directors either intend to liquidate the company or to cease operations, or have no realistic alternative but to do so.

Auditor's 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 auditor's 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 ISAs (UK) 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.

Explanation as to what extent the audit was considered capable of detecting irregularities, including fraud

Irregularities, including fraud, are instances of non-compliance with laws and regulations. We design procedures in line with our responsibilities, outlined above, to detect irregularities, including fraud. The risk of not detecting a material misstatement due to fraud is higher than the risk of not detecting one resulting from error, as fraud may involve deliberate concealment by, for example, forgery or intentional misrepresentations, or through collusion. The extent to which our procedures are capable of detecting irregularities, including fraud is detailed below. However, the primary responsibility for the prevention and detection of fraud rests with both those charged with governance of the entity and management.

- We obtained an understanding of the legal and regulatory frameworks that are applicable to the company and determined that the most significant are those that relate to the reporting framework (International Financial Reporting Standards as adopted by the European Union and The Companies (Guernsey) Law, 2008);
- We understood how the company is complying with those frameworks by making enquiries of the directors and those responsible for compliance matters and corroborated this by reviewing quarterly compliance reports and reviewing minutes of meetings of the Board of Directors. We gained an understanding of the Board's approach to governance, demonstrated by its review of the monthly financial management reports, oversight by the Audit Committee and internal control processes;
- We assessed the susceptibility of the company's financial statements to material misstatement, including how fraud might occur by considering the risk of management override and by identifying the manipulation of bond interest income as a fraud risk. We considered the controls the company has established to address risks identified by the directors or that otherwise seek to prevent, detect or deter fraud and how management and those charged with governance monitor those controls. We also considered the existence of any stakeholder influences which may cause management to seek to manipulate the financial performance and did not note any;
- Based on this understanding we designed our audit procedures to identify noncompliance with such laws and regulations. Our procedures involved the review of minutes of meetings of the Board of Directors and compliance reports; making inquiries of those charged with governance; and performance of journal entry testing based on our risk assessment and understanding of the business, with a focus on non-standard journals and those relating to areas with an identified associated fraud risk, as described above. We performed a controls based audit and reviewed the controls in place regarding the calculation and recording of bond interest income.

INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

Explanation as to what extent the audit was considered capable of detecting irregularities, including fraud (continued)

A further description of our responsibilities for the audit of the financial statements is located on the Financial Reporting Council's website at <https://www.frc.org.uk/auditorsresponsibilities>. This description forms part of our auditor's report.

Use of our report

This report is made solely to the Company's members, as a body, in accordance with Section 262 of the Companies (Guernsey) Law, 2008. Our audit work has been undertaken so that we might state to the Company's members those matters we are required to state to them in an auditor's report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the Company and the Company's members as a body, for our audit work, for this report, or for the opinions we have formed.

DocuSigned by:



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Ernst & Young LLP
Guernsey, Channel Islands

Date: March 18, 2021

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 STATEMENT OF COMPREHENSIVE INCOME
 For the year ended 31 December 2020

	Notes	Year ended 31 December 2020		Year ended 31 December 2019	
		CHF	CHF	CHF	CHF
Net trading income	6		10,321,195		16,091,130
Operating expenses	7		(8,977,813)		(11,225,467)
Operating profit			<u>1,343,382</u>		<u>4,865,663</u>
Finance income		-		190	
Finance costs		(5,662)		(2,721)	
			<u>(5,662)</u>		<u>(2,531)</u>
Net comprehensive income for the financial year			<u><u>1,337,720</u></u>		<u><u>4,863,132</u></u>

All of the items in the above are derived from continuing operations.

There were no other comprehensive income items in the period.

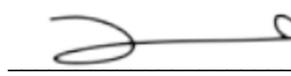
The notes on pages 10 to 29 form part of these financial statements.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 STATEMENT OF FINANCIAL POSITION
 As at 31 December 2020

	Notes	31 December 2020 CHF	31 December 2019 CHF
Assets			
Non-current assets			
Right-of-use assets	12	253,420	304,878
Total non-current assets		<u>253,420</u>	<u>304,878</u>
Current assets			
Cash, amounts due from banks, money at call	13	203,109,566	54,655,711
Financial assets at fair value through profit or loss			
Securities held for trading	8	1,271,738,121	1,385,114,812
Derivative financial instruments	8, 9	19,330,928	27,425,409
Accrued interest receivable and prepayments		7,118,390	9,137,206
Total current assets		<u>1,501,297,005</u>	<u>1,476,333,138</u>
Total assets		<u><u>1,501,550,425</u></u>	<u><u>1,476,638,016</u></u>
Liabilities			
Non-current liabilities			
Lease liabilities	14	209,075	277,822
Total Non-current liabilities		<u>209,075</u>	<u>277,822</u>
Current liabilities			
Amounts due to banks	13	185,963,621	48,593,322
Lease liabilities	14	55,747	57,337
Financial liabilities at fair value through profit or loss			
Structured products	8	1,125,532,391	1,285,066,091
Derivative financial instruments	8, 9	80,470,947	34,745,834
Accrued interest payable and accrued expenses		1,367,638	1,284,324
Total Current liabilities		<u>1,393,390,344</u>	<u>1,369,746,908</u>
Equity			
Share capital	16	1,000,000	1,000,000
Retained earnings		106,951,006	105,613,286
Total equity		<u>107,951,006</u>	<u>106,613,286</u>
Total liabilities and equity		<u><u>1,501,550,425</u></u>	<u><u>1,476,638,016</u></u>

The financial statements on pages 6 to 29 were approved by the Board of Directors on March 18 2021 and are signed on its behalf by:


 Director


 Director

The notes on pages 10 to 29 form part of these financial statements.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 STATEMENT OF CHANGES IN EQUITY
 For the year ended 31 December 2020

	Share capital CHF	Retained earnings CHF	Total equity CHF
At 1 January 2019	1,000,000	100,750,154	101,750,154
Net comprehensive income for the financial year	-	4,863,132	4,863,132
Balance at 31 December 2019	<u>1,000,000</u>	<u>105,613,286</u>	<u>106,613,286</u>
At 1 January 2020	1,000,000	105,613,286	106,613,286
Net comprehensive loss for the financial year	-	1,337,720	1,337,720
Balance at 31 December 2020	<u>1,000,000</u>	<u>106,951,006</u>	<u>107,951,006</u>

The notes on pages 10 to 29 form part of these financial statements.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 STATEMENT OF CASH FLOWS
 For the year ended 31 December 2020

	Note	Year ended 31 December 2020 CHF	Year ended 31 December 2019 CHF
Operating activities			
Net comprehensive (loss)/income for the financial year		1,337,720	4,863,132
Adjustments for:			
Depreciation of right-of-use assets	12	54,595	23,185
Revaluation of lease liabilities	12	(19,281)	18,035
Finance income		-	(190)
Finance costs		5,662	2,721
Adjustment for changes in working capital:			
Decrease in accrued interest receivable and		2,018,816	403,746
Decrease in securities held for trading, designated at fair			
value through profit or loss		113,376,691	71,653,620
(Decrease)/increase in structured product financial			
liabilities held at fair value through profit or loss		(159,533,700)	54,904,988
Decrease/(increase) in derivative financial instruments			
held at fair value through profit or loss		53,819,594	(144,103,075)
Increase/(decrease) in accrued interest payable and			
accrued expenses		83,314	(426,932)
		<u>11,143,411</u>	<u>(12,660,770)</u>
Interest received		-	190
Net cash inflows/(outflows) from operating activities		<u>11,143,411</u>	<u>(12,660,580)</u>
Financing activities			
Payment of principal portion of lease liabilities	12	(59,855)	(13,660)
Net cash outflows from financing activities		<u>(59,855)</u>	<u>(13,660)</u>
Net increase/(decrease) in cash and cash equivalents		11,083,556	(12,674,240)
Net cash and cash equivalents at 1 January		6,062,389	18,736,629
Net cash and cash equivalents at 31 December	13	<u><u>17,145,945</u></u>	<u><u>6,062,389</u></u>

The notes on pages 10 to 29 form part of these financial statements.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

NOTES TO THE FINANCIAL STATEMENTS

For the year ended 31 December 2020

1 Corporate information

Zürcher Kantonalbank Finance (Guernsey) Limited is a finance company and borrows or raises money by the issue of financial instruments of whatsoever nature. The Company was incorporated and is registered in Guernsey with the registered office being at Bordage House, Le Bordage, St Peter Port, Guernsey, GY1 1BU.

2 Significant accounting policies

The following accounting policies have been applied consistently in dealing with items which are considered material in relation to the financial statements of the Company.

2 a) Basis of preparation

The financial statements have been prepared under the historical cost convention as modified by the revaluation to fair value through profit or loss of derivative financial instruments, over-the-counter ("OTC") options, securities, term deposits with banks and financial liabilities and in accordance with International Financial Reporting Standards ("IFRS") as adopted by the European Union.

2 b) Going concern

The Company's financial position, its cash flows and liquidity position are set out in the financial statements. In addition, note 11 to the financial statements includes the Company's risk management and policies, details of its financial instruments, its exposures to credit risk and liquidity risk and its objectives, policies and processes for managing its capital.

Since the signing of the 2019 financial statements the Covid-19 pandemic has developed rapidly, and the impact on financial markets and from various governments' measures to contain the virus have affected the results of the Company in the following known ways:

- Increased volatility in financial markets has seen increased volatility in the value of the Company's financial assets and liabilities; and
- Temporary closure of the parent entity's offices and branch network had a negative impact on the issuance of structured products.

To date the Company has not taken advantage of any government funding scheme, and has in place remote operating procedures that enable it to continue to function if employees are advised to work from home.

Management have therefore used a range of scenarios that may occur up until 30 June 2022 based upon events occurring during 2020 and to date, including a reasonable worst-case scenario, to assess the whether the entity can continue as a going concern. These include, but are not limited to, the following:

- Restrictions on the movement of employees and/or access to the Company's office premises for public health reasons;
- Continued volatility and/or reduced liquidity in financial markets;
- The Company's existing reserves and future liquidity requirements;
- Future prolonged closure of the parent entity's office premises and/or ability to conduct business;
- The appropriateness of the expected credit loss rate on trade receivables;

Based on the results of the scenario analysis described above, the designation of the parent entity by the Swiss National Bank as a domestic systemically important bank, and the keepwell agreement in place between the parent entity and the Company, the Directors are satisfied that it is appropriate to prepare the financial statements on a going concern basis.

2 c) Financial instruments

2 c) (i) Classification

In accordance with IFRS 9, the Company classifies its financial assets and financial liabilities at initial recognition into the categories of financial assets and financial liabilities discussed below.

In applying that classification, a financial asset or financial liability is considered to be held for trading if:

- It is acquired or incurred principally for the purpose of selling or repurchasing it in the near term; or
- On initial recognition, it is part of a portfolio of identified financial instruments that are managed together and for which, there is evidence of a recent actual pattern of short-term profit-taking; or
- It is a derivative (except for a derivative that is a designated and effective hedging instrument).

2 c) (i) (1) Financial assets

The Company classifies its financial assets as subsequently measured at amortised cost or measured at fair value through profit or loss on the basis of both:

- The Company's business model for managing the financial assets; and
- The contractual cash flow characteristics of the financial asset.

Financial assets measured at amortised cost

A financial instrument is measured at amortised cost if it is held within a business model whose objective is to hold financial assets in order to collect contractual cash flows and its contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding. The Company includes in this category short-term non-financing receivables including accrued interest receivable and prepayments.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

NOTES TO THE FINANCIAL STATEMENTS

For the year ended 31 December 2020

2 Significant accounting policies (continued)

2 c) (i) (1) Financial assets (continued)

Financial assets measured at fair value through profit or loss ("FVTPL")

A financial asset is measured at FVTPL if:

- Its contractual terms do not give rise to cash flows on specified dates that are solely payments of principal and interest ("SPPI") on the principal amount outstanding; or
- It is not held within a business model whose objective is either to collect contractual cash flows, or to both collect contractual cash flows and sell; or
- At initial recognition, it is irrevocably designated as measured at FVTPL when doing so eliminates or significantly reduces a measurement or recognition inconsistency that would otherwise arise from measuring assets or liabilities or recognising the gains and losses on them on different bases.

The Company includes in this category:

- Equity instruments: these include investments in listed equities;
- Debt instruments: these include investments that are held under a business model to manage them on a fair value basis for investment income and fair value gains; and
- Instruments held for trading: this includes equity instruments and debt instruments which are acquired principally for the purpose of generating a profit from short-term fluctuations in price. This category also includes derivative contracts in an asset position.

2 c) (i) (2) Financial liabilities

Financial liabilities measured at FVTPL

A financial liability is measured at FVTPL if it meets the definition of held for trading.

The Company includes in this category derivative contracts in a liability position and equity and debt instruments sold short since they are classified as held for trading.

Financial liabilities measured at amortised cost

This category includes all financial liabilities, other than those measured at fair value through profit or loss. The Company includes in this category bank overdrafts and other short-term payables.

2 c) (ii) Recognition

The Company recognises a financial asset or a financial liability when it becomes a party to the contractual provisions of the instrument.

Purchases or sales of financial assets that require delivery of assets within the time frame generally established by regulation or convention in the market place (regular way trades) are recognised on the trade date, i.e., the date that the Company commits to purchase or sell the asset.

2 c) (iii) Initial measurement

Financial assets and financial liabilities at FVTPL are recorded in the statement of financial position at fair value. All transaction costs for such instruments are recognised directly in profit or loss.

Financial assets and liabilities (other than those classified as at FVTPL) are measured initially at their fair value plus any directly attributable incremental costs of acquisition or issue.

2 c) (iv) Subsequent measurement

After initial measurement, the Company measures financial instruments which are classified as at FVTPL at fair value. Subsequent changes in the fair value of those financial instruments are recorded in net gain or loss on financial assets and liabilities at FVTPL in the statement of comprehensive income as part of net trading income (see note 6). Interest and dividends earned or paid on these instruments are recorded in the statement of comprehensive income as part of net trading income (see note 6).

Debt instruments, other than those classified as at FVTPL, are measured at amortised cost using the effective interest method less any allowance for impairment. Gains and losses are recognised in profit or loss when the debt instruments are derecognised or impaired, as well as through the amortisation process.

Financial liabilities, other than those classified as at FVTPL, are measured at amortised cost using the effective interest method. Gains and losses are recognised in profit or loss when the liabilities are derecognised, as well as through the amortisation process.

The effective interest method (EIR) is a method of calculating the amortised cost of a financial asset or a financial liability and of allocating and recognising the interest income or interest expense in profit or loss over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash payments or receipts through the expected life of the financial asset or financial liability to the gross carrying amount of the financial asset or to the amortised cost of the financial liability. When calculating the effective interest rate, the Company estimates cash flows considering all contractual terms of the financial instruments, but does not consider expected credit losses. The calculation includes all fees paid or received between parties to the contract that are an integral part of the effective interest rate, transaction costs and all other premiums or discounts.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

NOTES TO THE FINANCIAL STATEMENTS

For the year ended 31 December 2020

2 Significant accounting policies (continued)

2 c) (v) Derecognition

A financial asset (or, where applicable, a part of a financial asset or a part of a group of similar financial assets) is derecognised where the rights to receive cash flows from the asset have expired, or the Company has transferred its rights to receive cash flows from the asset, or has assumed an obligation to pay the received cash flows in full without material delay to a third party under a pass-through arrangement and the Company has:

- Transferred substantially all of the risks and rewards of the asset; or
- Neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset.

When the Company has transferred its right to receive cash flows from an asset (or has entered into a pass-through arrangement), and has neither transferred nor retained substantially all of the risks and rewards of the asset nor transferred control of the asset, the asset is recognised to the extent of the Company's continuing involvement in the asset. In that case, the Company also recognises an associated liability. The transferred asset and the associated liability are measured on a basis that reflects the rights and obligations that the Company has retained.

The Company derecognises a financial liability when the obligation under the liability is discharged, cancelled or expired.

2 d) Impairment of financial assets

The Company holds only trade receivables with no financing component and which are due in less than 12 months at amortised cost and, as such, has chosen to apply an approach similar to the simplified approach for expected credit losses (ECL) under IFRS 9 to all its trade receivables. Therefore, the Company does not track changes in credit risk, but instead, recognises a loss allowance based on lifetime ECLs at each reporting date.

The Company's approach to ECLs reflects a probability-weighted outcome, the time value of money and reasonable and supportable information that is available without undue cost or effort at the reporting date about past events, current conditions and forecasts of future economic conditions.

The Company uses the provision matrix as a practical expedient to measuring ECLs on trade receivables, based on days past due for groupings of receivables with similar loss patterns. Receivables are grouped based on their nature. The provision matrix is based on historical observed loss rates over the expected life of the receivables and is adjusted for forward-looking estimates.

2 e) Offsetting of financial instruments

Financial assets and financial liabilities are offset and the net amount is reported in the statement of financial position if, and only if, there is a currently enforceable legal right to offset the recognised amounts and there is an intention to settle on a net basis, or to realise the asset and settle the liability simultaneously. This is generally not the case with master netting agreements unless one party to the agreement defaults and the related assets and liabilities are presented gross in the statement of financial position.

2 f) Fair value measurement

The Company measures its investments in financial instruments, such as equity instruments, debt instruments, other interest bearing investments and derivatives, at fair value at each reporting date.

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fair value measurement is based on the presumption that the transaction to sell the asset or transfer the liability takes place either in the principal market for the asset or liability or, in the absence of a principal market, in the most advantageous market for the asset or liability. The principal or the most advantageous market must be accessible to the Company. The fair value of an asset or a liability is measured using the assumptions that market participants would use when pricing the asset or liability, assuming that market participants act in their economic best interest. A fair value measurement of a non-financial asset takes into account a market participant's ability to generate economic benefits by using the asset in its highest and best use or by selling it to another market participant that would use the asset in its highest and best use.

The fair value for financial instruments traded in active markets at the reporting date is based on their quoted price (bid price for long positions and ask price for short positions), without any deduction for transaction costs.

For all other financial instruments not traded in an active market, the fair value is determined using valuation techniques deemed to be appropriate in the circumstances. Valuation techniques include the market approach (i.e., using recent arm's length market transactions, adjusted as necessary, and reference to the current market value of another instrument that is substantially the same) and the income approach (i.e., discounted cash flow analysis and option pricing models making as much use of available and supportable market data as possible).

For assets and liabilities that are measured at fair value on a recurring basis, the Company identifies transfers between levels in the hierarchy by re-assessing the categorisation (based on the lowest level input that is significant to the fair value measurement as a whole), and deems transfers to have occurred at the beginning of each reporting period.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

NOTES TO THE FINANCIAL STATEMENTS

For the year ended 31 December 2020

2 Significant accounting policies (continued)

2 g) Leases

The Company assesses at contract inception whether a contract is, or contains, a lease. That is, if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration.

Company as a lessee

The Company applies a single recognition and measurement approach for all leases, except for short-term leases and leases of low-value assets. The Company recognises lease liabilities to make lease payments and right-of-use assets representing the right to use the underlying assets.

2 g) (i) Right-of-use assets

The Company recognises right-of-use assets at the commencement date of the lease (i.e., the date the underlying asset is available for use). Right-of-use assets are measured at cost, less any accumulated depreciation and impairment losses, and adjusted for any remeasurement of lease liabilities. The cost of right-to-use assets includes the amount of the lease liabilities recognised, initial direct costs incurred, and lease payments made at or before the commencement date less any lease incentives received. Right-of-use assets are depreciated on a straight-line basis over the shorter of the lease term and the estimated useful lives of the assets, as follows:

- Office premises 6 years

If ownership of the leased asset transfers to the Company at the end of the lease term or the cost reflect the exercise of a purchase option, depreciation is calculated using the estimates useful life of the asset.

The right-of-use assets are also subject to impairment (see note 2 h)).

2 g) (ii) Lease liabilities

At the commencement date of the lease, the Company recognises lease liabilities measured at the present value of lease payments to be made over the lease term. The lease payments include fixed payments (including insubstance fixed payments) less any lease incentives receivable, variable lease payments that depend on an index or rate, and amounts expected to be paid under residual value guarantees. The lease payments also include the exercise price of a purchased option reasonably certain to be exercised by the Company and payments of penalties for terminating the lease, if the lease term reflects the Company exercising the option to terminate. Variable lease payments that do not depend on an index or a rate are recognised as expenses (unless they are incurred to produce inventories) in the period in which the event or condition that triggers the payment occurs.

In calculating the present value of lease payments, the Company uses its incremental borrowing rate at the lease commencement date because the interest rate implicit in the lease is not readily determinable. After the commencement date, the amount of lease liabilities is increased to reflect the accretion of interest and reduced for the lease payments made. In addition, the carrying amount of lease liabilities is remeasured if there is a modification, a change in the lease term, a change in the lease payments (e.g., changes to future payments resulting from a change in an index or rate used to determine such lease payments) or a change in the assessment of an option to purchase the underlying asset.

The Company's lease liabilities are included in interest-bearing loans and borrowings (see note 14).

2 h) Impairment of non-financial assets

The Company assesses, at each reporting date, whether there is an indication that an asset may be impaired. If any indication exists, or when annual impairment testing for an asset is required, the Company estimates the asset's recoverable amount. An asset's recoverable amount is the higher of the asset's or cash generating unit's ("CGU") fair value less costs of disposal and its value in use. The recoverable amount is determined for an individual asset, unless the asset does not generate cash inflows that are largely independent of those from other assets or groups of assets. When the carrying amount of any asset or CGU exceeds its recoverable amount, the asset is considered impaired and is written down to its recoverable amount.

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. In determining fair value less costs of disposal, recent market transactions are taken into account. If no such transactions can be identified, an appropriate valuation model is used. These calculations are corroborated by valuation multiples, quoted share prices for publicly traded companies or other available fair value indicators.

The Group bases its impairment calculation on most recent budgets and forecast calculations, which are prepared separately for each of the Group's CGUs to which the individual assets are allocated. These budgets and forecast calculations generally cover a period of five years. A long-term growth rate is calculated and applied to project future cash flows after the fifth year.

Impairment losses of continuing operations are recognised in the statement of profit or loss in expense categories consistent with the function of the impaired asset, except for properties previously revalued with the revaluation taken to other comprehensive income. For such properties, the impairment is recognised in other comprehensive income up to the amount of any previous revaluation.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

NOTES TO THE FINANCIAL STATEMENTS

For the year ended 31 December 2020

2 Significant accounting policies (continued)

2 i) Functional and presentation currency

The functional currency is the currency of the primary economic environment in which the Company operates. The majority of the Company's transactions are in Swiss francs, the performance is evaluated and its liquidity is managed in Swiss francs, and the functional currency of its parent entity is Swiss francs. Therefore, the Company concludes that the Swiss franc is its functional currency.

The Company's presentation currency is also the Swiss franc.

2 j) Foreign currency translations

Transactions during the period, including purchases and sales of financial instruments, income and expenses, are translated at the rate of exchange prevailing on the date of the transaction.

Monetary assets and liabilities denominated in foreign currencies are retranslated at the functional currency rate of exchange ruling at the reporting date. Non-monetary items that are measured in terms of historical cost in a foreign currency are translated using the exchange rates as at the dates of the initial transactions. Non-monetary items measured at fair value in a foreign currency are translated using the exchange rates at the date when the fair value was determined.

Foreign currency transaction gains and losses on financial instruments classified as at FVTPL are included in profit or loss in the statement of comprehensive income as part of net trading income (see note 6).

2 k) Cash and cash equivalents

Cash and cash equivalents in the statement of financial position comprise cash on hand and short-term deposits in banks that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value, with original maturities of three months or less. Short-term investments that are not held for the purpose of meeting short-term cash commitments and restricted margin accounts are not considered as 'cash and cash equivalents'.

For the purpose of the statement of cash flows, cash and cash equivalents consist of cash and cash equivalents as defined above, net of outstanding bank overdrafts when applicable.

2 l) Investment income

Investment income comprises of interest receivable on the maturity of the Company's term deposits with banks. Interest income is recognised as it accrues and is included in the statement of comprehensive income.

2 m) Net trading income

Net trading income is comprised of gains and losses arising on the purchase, sale and revaluation of financial assets and liabilities at FVTPL, along with gains and losses arising on the revaluation and impairment of financial assets and liabilities held at amortised cost.

2 n) Operating expenses

Fees are recognised on an accrual basis. Refer to note 7 for details of administration fees, audit fees, Directors' fees and parent company service costs.

3 Changes in accounting policies and disclosures

The Company applied for the first time certain standards and amendments which are effective for annual periods beginning on or after 1 January 2020, with the exception of the amendment to IFRS 16 which is effective for annual periods beginning on or after 1 June 2020.

The nature and the impact of each new standard and amendment is described below:

3 a) Interest Rate Benchmark Reform (Amendments to IFRS 7, IFRS 9 and IAS 39)

The amendments to IFRS 9 Financial Instruments: Recognition and Measurement provide a number of reliefs, which apply to all hedging relationships that are directly affected by interest rate benchmark reform. As the Company does not designate any derivative as a hedging instrument for hedge accounting purposes, these amendments have no impact on the financial statements of the Company.

3 b) Definition of Material (Amendments to IAS 1 and IAS 8)

The changes relate to a revised definition of 'material' which is amended to include information that if omitted, misstated or obscured could reasonably be expected to influence decisions that the primary users of general purpose financial statements make on the basis of those financial statements, which provide financial information about a specific reporting entity.

The amendments had no impact on the financial statements of, nor is there expected to be any future impact on, the Company.

3 c) Covid-19 Related Rent Concessions (Amendments to IFRS 16)

On 28 May 2020, the IASB issued Covid-19 Related Rent Concessions - amendment to IFRS 16 Leases. The amendments provide relief to lessees from applying IFRS 16 guidance on lease modification accounting for rent concessions arising as a direct results of the Covid-19 pandemic.

The amendment applies to annual reporting periods beginning on or after 1 June 2020. Earlier application is permitted. This amendment had no impact on the consolidated financial statements of the Company.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED

NOTES TO THE FINANCIAL STATEMENTS

For the year ended 31 December 2020

3 Changes in accounting policies and disclosures (continued)

3 d) Revisions to the Conceptual Framework and Amendments to References to the Conceptual Framework in IFRS Standards

These contain amendments to IFRS 2, IFRS 3, IFRS 6, IFRS 14, IAS 8, IAS 37, IAS 38, IFRIC 12, IFRIC 19, IFRIC 20, IFRIC 22 and SIC-32, and update those pronouncements with regard to, and quotes from, the framework so that they refer to the revised Conceptual Framework. Some pronouncements are only updated to indicate which version of the framework they are referencing to (the IASB framework adopted by the IASB in 2001, the IASB framework of 2010, or the new revised framework of 2018) or to indicate that the definitions in the standard have not been updated with the new definitions developed in the revised Conceptual Framework.

These amendments, where they actually are updates, had no impact on the financial statements of the Company.

4 Accounting standards, interpretations and amendments issued by not yet effective

At the date of authorisation of these financial statements, the following relevant standards and interpretations, which have not been applied, were in issue but not yet effective:

4 a) Interest Rate Benchmark Reform – Phase 2 (Amendments to IFRS 9, IAS 39, IFRS 7, IFRS 4 and IFRS 16)

The amendments introduce a practical expedient for modifications required by the reform, clarify that hedge accounting is not discontinued solely because of the IBOR reform, and introduce disclosures that allow users to understand the nature and extent of risks arising from the IBOR reform to which the entity is exposed to and how the entity manages those risks as well as the entity's progress in transitioning from IBORs to alternative benchmark rates, and how the entity is managing this transition.

The amendments are effective for annual reporting periods beginning on or after 1 January 2021 and are to be applied retrospectively. They are not expected to have any impact on the financial statements of the Company.

4 b) Annual Improvements to IFRS Standards 2018–2020

This makes amendments to the following standards:

- **IFRS 1** – The amendment permits a subsidiary that applies paragraph D16(a) of IFRS 1 to measure cumulative translation differences using the amounts reported by its parent, based on the parent's date of transition to IFRSs;
- **IFRS 9** – The amendment clarifies which fees an entity includes when it applies the '10 per cent' test in paragraph B3.3.6 of IFRS 9 in assessing whether to derecognise a financial liability. An entity includes only fees paid or received between the entity (the borrower) and the lender, including fees paid or received by either the entity or the lender on the other's behalf; and
- **IFRS 16** – The amendment to Illustrative Example 13 accompanying IFRS 16 removes from the example the illustration of the reimbursement of leasehold improvements by the lessor in order to resolve any potential confusion regarding the treatment of lease incentives that might arise because of how lease incentives are illustrated in that example.

The amendments are effective for annual reporting periods beginning on or after 1 January 2022 and are to be applied retrospectively. They are not expected to have any impact on the financial statements of the Company.

4 c) Property, Plant and Equipment - Proceeds before Intended Use (Amendments to IAS 16)

The amendments prohibit deducting from the cost of an item of property, plant and equipment any proceeds from selling items produced while bringing that asset to the location and condition necessary for it to be capable of operating in the manner intended by management. Instead, an entity recognises the proceeds from selling such items, and the cost of producing those items, in profit or loss.

The amendments are effective for annual reporting periods beginning on or after 1 January 2022 and are to be applied retrospectively. They are not expected to have any impact on the financial statements of the Company.

4 d) Classification of Liabilities as Current or Non-current (Amendments to IAS 1)

The amendments affect only the presentation of liabilities in the statement of position, not the amount or timing of recognition of any asset, liability, income or expense, or the information that entities disclose about those items. They clarify that the classification of liabilities as current or non-current should be based on rights that are in existence at the end of the reporting period and align the wording in all affected paragraphs to refer to the "right" to defer settlement by at least twelve months and make explicit that only rights in place "at the end of the reporting period" should affect the classification of a liability. Furthermore, they also clarify that classification is unaffected by expectations about whether an entity will exercise its right to defer settlement of a liability, and make clear that settlement refers to the transfer to the counterparty of cash, equity instruments, other assets or services.

The amendments are effective for annual reporting periods beginning on or after 1 January 2023 and are to be applied retrospectively. They are not expected to have any impact on the financial statements of the Company.

5 Taxation

The Company is taxed at the Company standard rate (0%) in Guernsey.

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
NOTES TO THE FINANCIAL STATEMENTS
For the year ended 31 December 2020

6 Net trading income	Year ended	Year ended
	31 December	31 December
	2020	2019
	CHF	CHF
Gains less losses on instruments held for trading		
Foreign currency	216,318	(286,894)
Trading securities	(14,135)	4,891,742
Gains less losses on fair value hedging		
Gains less losses from fair value direct hedged items	20,629	465,338
Gains less losses from fair value direct hedging instruments	(783,764)	(227,604)
Gains less losses on instruments designated at fair value		
Financial liabilities designated at fair value through profit or loss	(5,714,355)	(182,495,621)
Derivatives managed with financial instruments designated at fair value through profit or loss	16,596,502	193,744,169
Net trading income	10,321,195	16,091,130

7 Operating expenses	Year ended	Year ended
	31 December	31 December
	2020	2019
	CHF	CHF
Administrative expenses		
Administration fees	-	476,310
Audit fees	108,376	103,127
Directors' fees	8,497	8,903
Secretarial fees	13,128	5,131
Other expenses	55,598	175,946
Depreciation	54,595	23,185
Zürcher Kantonalbank service costs		
Development costs	958,333	1,500,000
Product issuing costs	958,333	1,500,000
Distribution costs	3,522,872	4,287,570
Risk management fee	2,166,666	2,000,000
Keep-well agreement charges	567,439	649,368
Employee expenses		
Salaries	498,471	428,787
Social security	32,426	27,971
Health insurance	33,021	26,880
Other staff expenses	58	12,289
	8,977,813	11,225,467

8 Financial assets and financial liabilities at fair value through profit or loss	2020	2019
	CHF	CHF
Financial assets at fair value through profit or loss		
Securities held for trading		
Debt securities	1,271,581,945	1,385,114,812
Listed equity instruments	156,176	-
	1,271,738,121	1,385,114,812
Derivative financial instruments		
Currency forwards	316	-
Interest rate swaps	11,216,575	12,598,679
Options	4,769,781	8,312,747
Total return swaps	3,344,256	6,513,983
	19,330,928	27,425,409
Total financial assets at fair value through profit or loss	1,291,069,049	1,412,540,221

ZÜRCHER KANTONALBANK FINANCE (GUERNSEY) LIMITED
 NOTES TO THE FINANCIAL STATEMENTS
 For the year ended 31 December 2020

8 Financial assets and financial liabilities at fair value through profit or loss (continued)

In the comparative period the Company classified its equity instruments and debt instruments as financial assets held for trading and its derivative financial instruments were designated at FVTPL.

Financial liabilities at fair value through profit or loss	2020 CHF	2019 CHF
Structured product financial instruments		
Linked to commodities	-	983,782
Linked to credit derivatives	70,074,776	137,373,244
Linked to equities / equity indices	993,419,472	1,017,268,490
Linked to foreign exchange	-	103,590,780
Linked to interest instruments	12,997,751	17,464,885
Linked to mixed derivatives	8,216,194	8,384,910
Linked to precious metals	40,824,198	-
	<u>1,125,532,391</u>	<u>1,285,066,091</u>
Derivative financial instruments		
Credit default swaps	-	10,986
Currency forwards	65	-
Interest rate swaps	7,913,378	8,154,791
Options	34,074,241	17,572,307
Total return swaps	38,483,263	9,007,750
	<u>80,470,947</u>	<u>34,745,834</u>
Total financial liabilities at fair value through profit or loss	<u><u>1,206,003,338</u></u>	<u><u>1,319,811,925</u></u>

9 Derivative contracts

Derivative contracts serve as components of the structured product financial liabilities of the Company. The derivative contracts that the Company may hold or issue include: futures; options; forward currency contracts; currency swaps; interest rate caps and floors; interest rate swaps; total return swaps; and credit default swaps.

The Company uses derivative financial instruments to economically hedge its risks associated with fluctuations in the value of structured product financial liabilities and interest rate risk associated with the Guernsey Risk Manager portfolio (the Company does not designate any derivative as a hedging instrument for hedge accounting purposes).

Derivatives often reflect, at their inception, only a mutual exchange of promises with little or no transfer of tangible consideration. However, these instruments frequently involve a high degree of leverage and are very volatile. A relatively small movement in the underlying of a derivative contract may have a significant impact on the value of the contract.

OTC derivatives may expose the Company to the risks associated with absence of an exchange market on which to close out an open position. The counterparty for all derivative contracts in force at the year-end was the Company's parent entity, Zürcher Kantonalbank, and as such no credit valuation adjustments or debit valuation adjustments have been made to the OTC derivatives in the current or previous year. As at the date of signing these financial statements, Standard & Poor's had assigned Zürcher Kantonalbank a credit rating of AAA.

The following table shows the fair value of derivative financial instruments, recorded as assets or liabilities, together with their notional amounts. The notional amount, recorded gross, is the amount of a derivative's underlying asset, reference rate or index and is the basis upon which changes in the value of the derivative are measured. The notional amounts indicate the volume of transactions outstanding at the reporting dates and are not indicative of either market risk or credit risk.

	2020			2019		
	Assets	Liabilities	Notional Amount	Assets	Liabilities	Notional Amount
	CHF	CHF	CHF	CHF	CHF	CHF
Derivatives primarily held for trading purposes						
Credit default swaps	-	-	3,300,000	-	10,986	3,300,000
Options	4,769,781	34,074,241	4,844,038	8,312,747	17,572,307	468,488,392
Total return swaps	3,344,256	38,483,263	670,223,732	6,513,983	9,007,750	654,996,978
	<u>8,114,037</u>	<u>72,557,504</u>	<u>678,367,770</u>	<u>14,826,730</u>	<u>26,591,043</u>	<u>1,126,785,370</u>

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 NOTES TO THE FINANCIAL STATEMENTS
 For the year ended 31 December 2020

9 Derivative contracts (continued)

	2020			2019		
	Assets	Liabilities	Notional Amount	Assets	Liabilities	Notional Amount
	CHF	CHF	CHF	CHF	CHF	CHF
Derivatives primarily held for risk management purposes						
Interest rate swaps	11,216,575	7,913,378	1,613,319,255	12,598,679	8,154,791	1,507,678,730
Currency forwards	316	65	250,628	-	-	-
	<u>11,216,891</u>	<u>7,913,443</u>	<u>1,613,569,883</u>	<u>12,598,679</u>	<u>8,154,791</u>	<u>1,507,678,730</u>
Total derivatives	<u>19,330,928</u>	<u>80,470,947</u>	<u>2,291,937,653</u>	<u>27,425,409</u>	<u>34,745,834</u>	<u>2,634,464,100</u>

10 Fair value of financial instruments

All assets and liabilities for which fair value is measured or disclosed in the financial statements are categorised within the fair value hierarchy, described as follows, based on the lowest level input that is significant to the fair value measurement as a whole:

- Level 1: Quoted (unadjusted) market prices in active markets for identical assets or liabilities.
- Level 2: Valuation techniques for which the lowest level input that is significant to the fair value measurement is directly or indirectly observable.
- Level 3: Valuation techniques for which the lowest level input that is significant to the fair value measurement is unobservable.

The following table shows financial instruments recognised at fair value:

Recurring fair value measurement of assets and liabilities

	2020				2019			
	Level 1 CHF	Level 2 CHF	Level 3 CHF	Total CHF	Level 1 CHF	Level 2 CHF	Level 3 CHF	Total CHF
Financial assets								
Securities held for trading (note 8)								
Equity instruments	156,176	-	-	156,176	-	-	-	-
Debt instruments	1,236,659,195	34,922,750	-	1,271,581,945	1,336,256,543	48,858,269	-	1,385,114,812
Derivative financial instruments (note 9)								
Currency forwards	-	316	-	316	-	-	-	-
Interest rate swaps	-	11,216,575	-	11,216,575	-	12,598,679	-	12,598,679
Options	-	4,769,781	-	4,769,781	-	8,312,747	-	8,312,747
Total return swaps	-	3,344,256	-	3,344,256	-	6,513,983	-	6,513,983
Total financial assets	<u>1,236,815,371</u>	<u>54,253,678</u>	<u>-</u>	<u>1,291,069,049</u>	<u>1,336,256,543</u>	<u>76,283,678</u>	<u>-</u>	<u>1,412,540,221</u>
Financial liabilities								
Structured product financial instruments (note 8)								
Linked to commodities	-	-	-	-	-	983,782	-	983,782
Linked to credit derivatives	-	70,074,776	-	70,074,776	-	137,373,244	-	137,373,244
Linked to equities / equity indices	-	993,419,472	-	993,419,472	-	1,017,268,490	-	1,017,268,490
Linked to foreign exchange	-	-	-	-	-	103,590,780	-	103,590,780
Linked to interest instruments	-	12,997,751	-	12,997,751	-	17,464,885	-	17,464,885
Linked to mixed derivatives	-	8,216,194	-	8,216,194	-	8,384,910	-	8,384,910
Linked to precious metals	-	40,824,198	-	40,824,198	-	-	-	-
Derivative financial instruments (note 9)								
Credit default swaps	-	-	-	-	-	10,986	-	10,986
Currency forwards	-	65	-	65	-	-	-	-
Interest rate swaps	-	7,913,378	-	7,913,378	-	8,154,791	-	8,154,791
Options	-	34,074,241	-	34,074,241	-	17,572,307	-	17,572,307
Total return swaps	-	38,483,263	-	38,483,263	-	9,007,750	-	9,007,750
Total financial liabilities	<u>-</u>	<u>1,206,003,338</u>	<u>-</u>	<u>1,206,003,338</u>	<u>-</u>	<u>1,319,811,925</u>	<u>-</u>	<u>1,319,811,925</u>

For all other financial assets and liabilities, the carrying value is an approximation of fair value, including: trade and other receivables; cash and cash equivalents; and trade and other payables.

There were no changes to valuation techniques or transfers between Levels 1, 2 and 3 during the year.

Where there are quoted prices in an active market for identical assets or liabilities, a security is included in Level 1. Where values are based on inputs other than quoted prices included within Level 1, such as quoted prices for similar assets or liabilities in active markets, or quoted prices for identical assets or liabilities in markets that are not active, they are included in Level 2.

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10 Fair value of financial instruments (continued)

The fair values of options are calculated using an option pricing model based on direct market data, e.g., bond or share prices, and indirect market data, e.g., interest, implied volatility and dividend estimates. The fair value of such options is included within Level 2.

The fair values of other derivatives are calculated based on quotes from counterparties to the agreements which are corroborated by market data. The fair value of such interest rate swaps is included within Level 2.

The fair values of structured product financial instruments, which are set up as combinations of the components of the respective structured product, are calculated based on the sum of the valuations of its components. As the fair values of the components of the structured products are either Level 1 (securities held for trading) or Level 2 (term deposits with banks and derivative financial instruments), the fair value of such structured products is included within Level 2.

11 Financial risk and management objectives and policies

11 a) Introduction

The main risks that the Company is exposed to are credit risk, liquidity risk and market risk (which includes interest rate risk, currency risk and price risk). The Directors regularly review and agree policies for managing each of these risks as summarised below, which includes the use of derivatives and other financial instruments. The risk management guidelines for the Company set out guidelines for identifying, managing and monitoring the risks to which the Company is exposed and in particular:

- define the rules and procedures for managing credit, liquidity and market risks;
- set out the applicable long-term risk policies of the Company and Zürcher Kantonalbank;
- define the entity to which duties and responsibilities in relation to risk monitoring are assigned; and
- provide an overview of relevant powers and responsibilities.

The general guidelines are:

- credit, liquidity and market risks shall be managed in accordance with the rules and policies laid down in the guidelines on risk management for Zürcher Kantonalbank, and its subsidiaries (collectively, the "group") risk policies;
- subject to the constraints of the applicable group risk policies, the Company shall define appropriate limits with a view to mitigating default and market risks;
- Zürcher Kantonalbank shall be responsible for managing risks subject to approved limits;
- Zürcher Kantonalbank shall be responsible for quantifying risk, preparing reports on risk monitoring conducted, and reporting on risks; and
- the Directors of the Company shall be entitled to limit the level of risk exposure and the list of approved products at any time.

There were no changes to the Company's risk management guidelines during the reporting period.

11 b) Risk management structure

The Chief Executive Officer of the Company is responsible for monitoring both the liquidity and solvency of the Company and compliance with the Company's risk limits. Furthermore, the Chief Executive Officer is also responsible for documenting risks limits, defining actions to be taken in the event of a breach of any of those limits, informing the Directors of any limit breaches and subsequent actions taken.

The Directors supervise management and are ultimately responsible for the overall risk management of the Company.

11 c) Risk measurement and reporting system

Risk measurement, preparation of risk monitoring reports and risk reporting have been delegated to Zürcher Kantonalbank. To ensure a constant monitoring of risk by the Company's management, a risk report is prepared by Zürcher Kantonalbank on a daily basis and is sent to the management of the Company.

The Directors of the Company have defined the following sensitivity limits for credit risk, interest rate risk and currency risk, as well as counterparty exposure limits, which are calculated on a daily or weekly basis by Zürcher Kantonalbank.

11 c) (i) Credit spread risk sensitivity limits

Credit spread risk refers to debt instruments and is related to daily changes in the spread of an instrument's yield curve over the zero-coupon Treasury yield curve (the z-spread). The sensitivity limit defines the maximum profit and loss daily change limit permitted on the theoretical hedging costs on the Company's treasury management portfolio. The Directors have defined a maximum credit spread sensitivity ("DV01") per issuer with a view to mitigating the credit risk associated with debt instruments.

DV01 is calculated as the sensitivity of a contract to a 1 basis point fluctuation in the credit spread curve and is set at a level that the Directors believe allows for sufficient returns to be generated on the Company's securities held for trading without exposing it to excessive credit risk.

	2020		2019	
	Current	Maximum credit spread	Current	Maximum credit spread
	CHF	CHF	CHF	CHF
DV01 per issuer	5,895	< 35,000	9,522	< 35,000

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11 Financial risk and management objectives and policies (continued)

11 c) (ii) Counterparty exposure limits

Counterparty exposure refers to the debt instruments within securities held for trading and relates to the risk of issuer default. The Directors have defined minimum credit ratings and maximum permitted nominal holdings per issuer for each credit rating category with a view to mitigating the default risk associated with securities.

Counterparty exposure is calculated on an aggregate basis for all securities held for trading within the treasury management portfolio, and is based on the lower of the two ratings provided by Standard & Poor's and Moody's ratings agencies.

	2020				2019			
	Nominal limit per issuer	Maximum exposure to any one issuer	Maximum residual term	Maximum residual term of any one issuer	Nominal limit per issuer	Maximum exposure to any one issuer	Maximum residual term	Maximum residual term of any one issuer
	CHF	CHF			CHF	CHF		
Long term rating AAA	100,000,000	35,900,000	no limit	44 months	100,000,000	29,915,000	no limit	33 months
Long term rating between AA+ and AA-	50,000,000	33,560,000	no limit	46 months	50,000,000	37,735,000	no limit	45 months
Long term rating between A+ and A	30,000,000	23,905,000	no limit	44 months	30,000,000	29,915,000	no limit	46 months
Long term rating A-	30,000,000	9,850,000	15 months	13 months	30,000,000	15,257,045	15 months	35 months
Long term rating BBB+	15,000,000	11,722,500	15 months	23 months	15,000,000	13,891,941	15 months	7 months
Long term rating BBB	15,000,000	9,050,000	15 months	11 months	15,000,000	15,000,000	15 months	9 months
Long term rating BBB-	15,000,000	-	15 months	-	15,000,000	13,460,000	15 months	11 months
Long term rating BB+ and lower	0	-	n/a	-	0	-	n/a	-

The Directors have approved temporary exceptions to the counterparty limit policy in respect of the below holdings. It is the opinion of the Directors that these securities can continue to be held until their maturity or until market conditions allow for their disposal.

	Long term rating	Nominal holding	Residual term
		CHF	
Issuer A	BBB+	6,295,000	23 months
Issuer A	BBB+	5,448,945	20 months

11 c) (iii) Interest rate sensitivity limits

Interest rate sensitivity is measured by reference to Rho, which is the rate at which the price of a derivative changes relative to a change in the risk free rate of interest. It is expressed as the amount of money, per share of the underlying, that the value of the option will gain or lose as the risk free interest rate rises or falls by one basis point.

	2020		2019	
	Limit	Sensitivity	Limit	Sensitivity
	CHF	CHF	CHF	CHF
Effect of 1 basis point movement in risk free interest rate	+/- 100,000	+/- 9'835	+/- 100,000	+/- 8,476

11 c) (iv) Foreign currency limits

The foreign exchange sensitivity limit is the maximum permitted movement in profit or loss caused by a 1% movement in the value of the Swiss franc.

	2020		2019	
	Limit	Sensitivity	Limit	Sensitivity
	CHF	CHF	CHF	CHF
Effect of 1% movement in the value of the Swiss franc	+/- 1,000,000	+/- 3,104	+/- 1,000,000	+/- 237

11 d) Risk mitigation

The Company uses derivatives and other financial instruments for trading purposes to manage exposures resulting from changes in credit risks, interest and foreign currency rates.

11 e) Credit Risk

Credit risk is the risk that the counterparty to a financial instrument will cause a financial loss to the Company by failing to discharge an obligation. The Company is exposed to the risk of credit-related loss that can occur as a result of a counterparty or issuer being unable or unwilling to honour its contractual obligations. These credit exposures exist within debt instruments, derivative assets, short term receivables and cash and cash equivalents.

Credit risk disclosures are segmented into two sections based on whether the underlying financial instrument is subject to IFRS 9's impairment disclosures or not.

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11 Financial risk and management objectives and policies (continued)

11 e) (i) Financial assets subject to IFRS 9's impairment requirements

The Company's only financial assets subject to the ECL model within IFRS 9 are short term trade and other receivables. At 31 December 2020, the total of short-term trade and receivables was CHF nil, on which no loss allowance has been provided (31 December 2019: total of CHF nil, on which no loss had been incurred). There is not considered to be any concentration of credit risk within these assets. No assets are considered impaired and no amounts have been written off in the period.

As all trade and other receivables are impacted by IFRS 9 ECL model the Company has adopted the simplified approach. The loss allowance shown is therefore based on lifetime ECLs.

In calculating the loss allowance, a provision matrix has been used based on historical observed loss rates over the expected life of the receivables adjusted for forward-looking estimates. Items have been grouped by their nature into the following categories: accrued income; amounts due from counterparties; and other receivables.

11 e) (ii) Financial assets not subject to IFRS 9's impairment requirements

The Company is exposed to credit risk on debt instruments and derivative assets. These classes of financial assets are not subject to IFRS 9's impairment requirements as they are measured at FVTPL. The carrying value of these assets represent the Company's maximum exposure to credit risk on financial instruments not subject to the IFRS 9 impairment requirements on the respective reporting dates. Hence, no separate maximum exposure to credit risk disclosure is provided for these instruments.

The following table analyses the sensitivity of the Company's treasury management portfolio to changes in credit spreads:

Securities held for trading - Guernsey treasury management portfolio	2020	2019
	CHF	CHF
Market scenario:		
1 basis point change in the difference in yields between treasury and non-treasury securities	<u>194,020</u>	<u>172,416</u>

The following tables analyse the Company's securities held for trading by rating agency category:

Securities held for trading - Guernsey treasury management portfolio	Fair value	Rating	Allocation
	CHF		
As at 31 December 2020:			
Bonds receivable	223,925,027	AAA	18%
Bonds receivable	475,455,454	AA	38%
Bonds receivable	488,342,687	A	39%
Bonds receivable	72,027,272	BBB	5%
	<u>1,259,750,440</u>		<u>100%</u>
As at 31 December 2019:			
Bonds receivable	130,020,735	AAA	9%
Bonds receivable	347,794,694	AA	25%
Bonds receivable	803,248,380	A	59%
Bonds receivable	91,127,708	BBB	7%
	<u>1,372,191,517</u>		<u>100%</u>
Securities held for trading - as direct hedging instruments	Fair value	Rating	Allocation
	CHF		
As at 31 December 2020:			
Bonds receivable	958,767	AAA	8%
Bonds receivable	398,422	BBB	3%
Bonds receivable	5,389,122	BB	45%
Bonds receivable	2,939,627	B	25%
Bonds receivable	948,528	CCC	8%
Bonds receivable	1,197,040	No rating	10%
Stocks held	156,176		1%
	<u>11,987,682</u>		<u>100%</u>

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11 Financial risk and management objectives and policies (continued)

11 e) (ii) Financial assets not subject to IFRS 9's impairment requirements (continued)

As at 31 December 2019:

Bonds receivable	2,800,857	AAA	21%
Bonds receivable	206,983	AA	2%
Bonds receivable	552,605	A	4%
Bonds receivable	3,415,884	BBB	26%
Bonds receivable	3,196,957	BB	25%
Bonds receivable	2,536,970	B	20%
Bonds receivable	213,039	No rating	2%
	<u>12,923,295</u>		<u>100%</u>

The securities listed above are held as direct hedging instruments for risk management purposes and are not subject to the counterparty limits shown in note 11 c) (ii).

Concentration of credit risk within securities held for trading is managed by counterparty, geographical region and industry sector. The Company has no major exposure to any one counterparty in the treasury management portfolio (see note 11 c) (ii)).

The following table analyses the concentration of credit risk by geographical distribution (based on counterparties' country of domicile):

	2020		2019	
	% of debt instruments	% of derivatives	% of debt instruments	% of derivatives
Australia	6%	0%	7%	0%
China	9%	0%	13%	0%
European Union	43%	0%	41%	0%
New Zealand	4%	0%	5%	0%
Switzerland	1%	100%	6%	100%
United States of America	13%	0%	9%	0%
Others	24%	0%	19%	0%
	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>

The following table analyses the concentration of credit risk in the Company's treasury management portfolio by industrial distribution:

	2020		2019	
	% of debt instruments	% of derivatives	% of debt instruments	% of derivatives
Financial	67%	100%	70%	100%
Industrial	5%	0%	5%	0%
Sovereign	7%	0%	6%	0%
Supranational	4%	0%	3%	0%
Others	17%	0%	16%	0%
	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>

11 f) Liquidity risk

Liquidity risk is defined as the risk that the Company will encounter difficulty in meeting obligations associated with financial liabilities that are settled by delivering cash or another financial asset. Exposure to liquidity arises because of the possibility that the Company could be required to pay its liabilities earlier than expected. The Company is exposed to cash repayments of its structured product financial liabilities on a regular basis.

There is no direct matching of the maturity profiles of the structured products with the securities held, however the Company's liquidity profile is constantly monitored as an important part of the treasury management process. Liquidity risk management consists of short term (3 months) and long term (3 years) monitoring of cash flows.

The following tables show a net liquidity surplus for the next year, when the treasury management portfolio is classified according to final maturity dates. The securities held in the treasury management portfolio are primarily debt instruments which, under normal market conditions are readily convertible to cash. As such their final maturity dates are not intended to closely match the final maturity profile of financial liabilities held at FVTPL:

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11 Financial risk and management objectives and policies (continued)

11 f) Liquidity risk (continued)

	2020 Up to one year CHF	2020 From one to two years CHF	2020 From two to three years CHF	2020 From three to four years CHF	2020 From four to five years CHF	2020 Five years and over CHF	31 December 2020 Total CHF
Assets							
Cash, amounts due from banks, money at call	203,109,566	-	-	-	-	-	203,109,566
Accrued interest receivable and prepayments	7,118,390	-	-	-	-	-	7,118,390
Securities held for trading, designated at FVTPL	421,642,481	439,944,801	343,624,071	55,763,875	5,322,976	5,439,917	1,271,738,121
Derivative financial instruments held at FVTPL	4,978,181	2,248,697	1,316,206	4,366,573	2,156	6,419,115	19,330,928
Liabilities							
Lease liabilities	(264,822)	-	-	-	-	-	(264,822)
Amounts due to banks	(185,963,621)	-	-	-	-	-	(185,963,621)
Accrued interest payable and accrued expenses	(1,367,638)	-	-	-	-	-	(1,367,638)
Derivative financial instruments held at FVTPL	(58,480,419)	(12,085,334)	(4,581,122)	(469,759)	(1,003,956)	(3,850,357)	(80,470,947)
Financial liabilities held at FVTPL	(792,981,319)	(219,148,141)	(57,574,142)	(21,279,040)	(3,549,862)	(30,999,887)	(1,125,532,391)
Net Liquidity	(402,209,201)	210,960,023	282,785,013	38,381,649	771,314	(22,991,212)	107,697,586

The undiscounted contractual liabilities of the Company excluding accrued interest at 31 December 2020 are as follows:

Financial liabilities held at fair value through profit or loss	826,090,124	227,609,909	58,244,083	18,501,494	3,729,760	28,933,369	1,163,108,739
	2019 Up to one year CHF	2019 From one to two years CHF	2019 From two to three years CHF	2019 From three to four years CHF	2019 From four to five years CHF	2019 Five years and over CHF	31 December 2019 Total CHF
Assets							
Cash, amounts due from banks, money at call	54,655,711	-	-	-	-	-	54,655,711
Accrued interest receivable and prepayments	9,137,206	-	-	-	-	-	9,137,206
Securities held for trading, designated at FVTPL	640,152,787	472,001,039	195,184,987	71,536,518	1,462,248	4,777,233	1,385,114,812
Derivative financial instruments held at FVTPL	9,527,534	4,501,199	1,667,356	1,486,024	3,825,529	6,417,767	27,425,409
Liabilities							
Lease liabilities	(335,159)	-	-	-	-	-	(335,159)
Amounts due to banks	(48,593,322)	-	-	-	-	-	(48,593,322)
Accrued interest payable and accrued expenses	(1,284,324)	-	-	-	-	-	(1,284,324)
Derivative financial instruments held at FVTPL	(20,240,145)	(8,941,748)	(2,190,433)	-	(412,847)	(2,960,661)	(34,745,834)
Financial liabilities held at FVTPL	(721,146,937)	(427,393,828)	(62,457,572)	(24,878,022)	(20,757,632)	(28,432,100)	(1,285,066,091)
Net Liquidity	(78,126,649)	40,166,662	132,204,338	48,144,520	(15,882,702)	(20,197,761)	106,308,408

The undiscounted contractual liabilities of the Company excluding accrued interest at 31 December 2019 are as follows:

Financial liabilities held at fair value through profit or loss	710,698,416	431,631,683	62,765,418	25,013,708	18,386,452	27,746,294	1,276,241,971
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11 g) Market risk

Market risk is the risk that the fair value or future cash flows of financial instruments will fluctuate due to changes in market variables such as interest rates, foreign exchange rates and equity prices. The maximum risk resulting from financial instruments, except for written equity-linked derivatives, equals their fair value. With written equity-linked derivatives, the Company bears the market risk of an unfavourable change in the price of the security underlying the option.

11 g) (i) Interest rate risk

Interest rate risk arises from the possibility that changes in interest rates will affect future cash flows or the fair value of financial instruments. The Company writes interest rate derivatives, mainly being interest rate swaps in which the Company agrees to exchange, at specified intervals. The difference between fixed and variable interest amounts is calculated by reference to an agreed-upon notional principal amount in an effort to manage these risks. The majority of interest rate exposure arises on investment in debt securities and the interest rate profile is shown below.

The following table analyses the Company's interest rate exposure. The Company's assets and liabilities are included at their carrying amount and are categorised by their maturity dates:

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11 Financial risk and management objectives and policies (continued)

11 g) (i) Interest rate risk (continued)

	Total	Variable rate	Fixed rate	No net interest rate risk
The interest rate profile of the Company at 31 December 2020:	CHF	CHF	CHF	CHF
Assets				
Right-of-use assets	253,420	-	-	253,420
Cash, amounts due from banks, money at call	203,109,566	-	-	203,109,566
Accrued interest receivable and prepayments	7,118,390	-	-	7,118,390
Securities held for trading, designated at FVTPL	1,271,738,121	100,720,489	1,155,585,318	15,432,314
Derivative financial instruments held at FVTPL	19,330,928	11,216,575	-	8,114,353
Total Assets	1,501,550,425	111,937,064	1,155,585,318	234,028,043
Liabilities and Shareholder's funds				
Lease liabilities	264,822	-	-	264,822
Amounts due to banks	185,963,621	-	-	185,963,621
Accrued interest payable and accrued expenses	1,367,638	-	-	1,367,638
Derivative financial instruments held at FVTPL	80,470,947	7,913,378	-	72,557,569
Structured product financial liabilities held at FVTPL	1,125,532,391	17,361,720	-	1,108,170,671
Share capital	1,000,000	-	-	1,000,000
Retained earnings	106,951,006	-	-	106,951,006
Total Liabilities and Shareholder's Funds	1,501,550,425	25,275,098	-	1,476,275,327

	Total	Variable rate	Fixed rate	No net interest rate risk
The interest rate profile of the Company at 31 December 2019:	CHF	CHF	CHF	CHF
Assets				
Right-of-use assets	304,878	-	-	304,878
Cash, amounts due from banks, money at call	54,655,711	-	-	54,655,711
Accrued interest receivable and prepayments	9,137,206	-	-	9,137,206
Securities held for trading, designated at FVTPL	1,385,114,812	149,509,901	1,230,192,615	5,412,296
Derivative financial instruments held at FVTPL	27,425,409	12,598,679	-	14,826,730
Total Assets	1,476,638,016	162,108,580	1,230,192,615	84,336,821
Liabilities and Shareholder's funds				
Lease liabilities	335,159	-	-	335,159
Amounts due to banks	48,593,322	-	-	48,593,322
Accrued interest payable and accrued expenses	1,284,324	-	-	1,284,324
Derivative financial instruments held at FVTPL	34,745,834	8,154,791	-	26,591,043
Structured product financial liabilities held at FVTPL	1,285,066,091	44,012,116	-	1,241,053,975
Share capital	1,000,000	-	-	1,000,000
Retained earnings	105,613,286	-	-	105,613,286
Total Liabilities and Shareholder's Funds	1,476,638,016	52,166,907	-	1,424,471,109

11 g) (ii) Currency risk

Currency risk is the risk that the value of a financial instrument will fluctuate due to changes in foreign exchange rates. The Company invests in securities and issues structured products that are denominated in currencies other than the Swiss franc. Accordingly, the value of the Company's assets and liabilities may be affected favourably or unfavourably by fluctuations in currency rates.

The Company writes derivatives, such as currency forwards, to hedge foreign currency denominated financial instruments and increases or decreases in the fair value of the Company's foreign currency denominated financial assets and liabilities are partially offset by gains and losses on the economic hedging instruments.

The following table indicates the currencies to which the Company had significant exposure as at 31 December on its monetary assets and liabilities.

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11 Financial risk and management objectives and policies (continued)

11 g) (ii) Currency risk (continued)

Currency profile of the Company as at 31 December 2020:

	Total CHF	Swiss Franc CHF	Euro CHF	US Dollar CHF	British Pound CHF	Other CHF
Assets						
Right of use assets	253,420	-	-	-	253,420	-
Cash, amounts due from banks, money at call	203,109,566	202,845,833	-	-	137,661	126,072
Accrued interest receivable and prepayments	7,118,390	5,489,387	749,780	776,320	48,799	54,104
Securities held for trading, designated at FVTPL	1,271,738,121	839,650,753	256,562,355	173,533,466	-	1,991,547
Derivative financial instruments held at FVTPL	19,330,928	15,182,190	970,903	3,177,835	-	-
Total Assets	1,501,550,425	1,063,168,163	258,283,038	177,487,621	439,880	2,171,723
	100.00%	70.80%	17.20%	11.82%	0.03%	0.15%
Liabilities						
Lease liabilities	264,822	-	-	-	264,822	-
Amounts due to banks	185,963,621	7,364,592	74,769,297	102,280,831	495,042	1,053,859
Accrued interest payable and accrued expenses	1,367,638	1,237,044	-	-	130,594	-
Derivative financial instruments held at FVTPL	80,470,947	64,295,852	9,980,534	6,194,561	-	-
Structured product financial liabilities held at FVTPL	1,125,532,391	883,214,054	173,333,736	68,984,601	-	-
Total Liabilities	1,393,599,419	956,111,542	258,083,567	177,459,993	890,458	1,053,859
	100.00%	68.61%	18.52%	12.73%	0.06%	0.08%

Currency profile of the Company as at 31 December 2019:

	Total CHF	Swiss Franc CHF	Euro CHF	US Dollar CHF	British Pound CHF	Other CHF
Assets						
Right of use assets	304,878	-	-	-	304,878	-
Cash, amounts due from banks, money at call	54,655,711	53,728,584	-	-	544,965	382,162
Accrued interest receivable and prepayments	9,137,206	6,646,832	1,103,325	1,262,278	43,483	81,288
Securities held for trading, designated at FVTPL	1,385,114,812	928,570,034	251,321,934	199,987,297	-	5,235,547
Derivative financial instruments held at FVTPL	27,425,409	18,637,299	3,186,566	5,587,265	-	14,279
Total Assets	1,476,638,016	1,007,582,749	255,611,825	206,836,840	893,326	5,713,276
	100.00%	68.23%	17.31%	14.01%	0.06%	0.39%
Liabilities						
Lease liabilities	335,159	-	-	-	335,159	-
Amounts due to banks	48,593,322	21,707,631	25,771,520	420,766	466,301	227,104
Accrued interest payable and accrued expenses	1,284,324	1,074,815	-	-	145,277	64,232
Derivative financial instruments held at FVTPL	34,745,834	24,277,934	7,098,219	3,360,731	8,950	-
Structured product financial liabilities held at FVTPL	1,285,066,091	856,597,597	222,504,179	202,917,445	264,366	2,782,504
Total Liabilities	1,370,024,730	903,657,977	255,373,918	206,698,942	1,220,053	3,073,840
	100.00%	65.96%	18.64%	15.09%	0.09%	0.22%

11 g) (iii) Price risk

Equity price risk is the risk of unfavourable changes in the fair value of equity instruments or equity-linked derivatives as a result of changes in the levels of equity indices and the value of individual shares. The Company manages equity risk on its exposure to equity-linked structured products by writing equity-linked derivatives as a hedge against the movement in their price. The Company is therefore only exposed to equity price risk on the revaluation of equities purchased to meet obligations under equity-settled structured product liabilities which are valued based on the equity purchase price and are therefore subsequently settled at nil gain/loss.

Management's best estimate of the effect on profit or loss for a year due to a reasonably possible change in equity indices, with all other variables held constant, is indicated in the table below. There is no effect on other comprehensive income as the Company has no assets classified as fair value through other comprehensive income or designated hedging instruments. In practice the actual trading results may differ from the sensitivity analysis below and the difference could be material. An equivalent decrease in equity indices as shown below would have resulted in an equivalent, but opposite, impact.

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11 Financial risk and management objectives and policies (continued)

11 g) (iii) Price risk (continued)

	Change in equity index %	Effect on net income for the year	
		2020 CHF	2019 CHF
Stoxx Europe 600 Index	+/- 10	+/- 15,618	-

The effect of changes in bond prices resulting from variations in interest rates are quantified in notes 11 c) (iii) and 11 g) (i).

12 Leases

The Company has a 6-year lease contract in respect of office premises used in its operations. The Company is restricted under the terms of this lease from assigning and subleasing the premises with the prior consent of the lessor.

Set out below of the carrying amount of right-to-use assets recognised and the movements during the year:

	Office Premises CHF	Total CHF
As at 1 January 2019	-	-
Additions	322,425	322,425
Fair value adjustment	5,638	5,638
Depreciation expense	(23,185)	(23,185)
As at 31 December 2019	304,878	304,878
Fair value adjustment	3,137	3,137
Depreciation expense	(54,595)	(54,595)
As at 31 December 2020	253,420	253,420

Set out below are the carrying amount of lease liabilities (included under interest-bearing loans and borrowings) and the movements during the year:

	2020 CHF	2019 CHF
As at 1 January	335,159	-
Additions	-	322,425
Fair value adjustment	3,137	5,638
Accretion of interest	5,662	2,721
Payments	(59,855)	(13,660)
Foreign exchange differences	(19,281)	18,035
As at 31 December	264,822	335,159
Current (see note 14)	55,747	57,337
Non-current (see note 14)	209,075	277,822

The maturity analysis of lease liabilities are disclosed in note 15.

The following are the amounts recognised in the statement of income:

	2020 CHF	2019 CHF
Depreciation expense of right-of-use assets	54,595	23,185
Interest expense on lease liabilities	5,662	(2,721)
(Gain)/loss on revaluation of lease liabilities	(19,281)	18,035
Total amount recognised in statement of income	40,976	38,499

The Company had total cash outflows for leases of CHF 59,855 in 2020 (CHF 13,660 in 2019).

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13 Cash, amounts due from / to banks, money at call

	2020 CHF	2019 CHF
Due from banks, Guernsey	117,225	248,424
Due from banks, Zürcher Kantonalbank	202,992,341	54,407,287
	<u>203,109,566</u>	<u>54,655,711</u>
Due to banks, Zürcher Kantonalbank	(185,963,621)	(48,593,322)
	<u>(185,963,621)</u>	<u>(48,593,322)</u>
Total net cash, amounts due from / to banks, money at call	<u>17,145,945</u>	<u>6,062,389</u>

The amounts due from banks in Guernsey accrue interest income at variable market rates. The amounts due to and from Zürcher Kantonalbank do not accrue interest.

14 Lease liabilities

	Interest rate %	Maturity	2020 CHF	2019 CHF
Current interest-bearing loans and borrowings				
Lease liabilities (see note 12)	2.0	2021	55,747	57,337
Total current interest-bearing loans and borrowings			<u>55,747</u>	<u>57,337</u>
Non-current interest-bearing loans and borrowings				
Lease liabilities (see note 12)	2.0	2022 - 2025	209,075	277,822
Total non-current interest-bearing loans and borrowings			<u>209,075</u>	<u>277,822</u>
Total interest-bearing loans and borrowings			<u>264,822</u>	<u>335,159</u>

15 Changes in liabilities arising from financing activities

	1 January 2020 CHF	New leases CHF	Cash flows CHF	Other CHF	Foreign exchange differences CHF	31 December 2020 CHF
Assets						
Current lease liabilities (see note 12)	57,337	-	(59,855)	61,563	(3,298)	55,747
Non-current lease liabilities (see note 12)	277,822	-	-	(52,764)	(15,983)	209,075
Total Assets	<u>335,159</u>	<u>-</u>	<u>(59,855)</u>	<u>8,799</u>	<u>(19,281)</u>	<u>264,822</u>
Assets						
Current lease liabilities (see note 12)	-	42,067	(13,660)	26,577	2,353	57,337
Non-current lease liabilities (see note 12)	-	280,358	-	(18,218)	15,682	277,822
Total Assets	<u>-</u>	<u>322,425</u>	<u>(13,660)</u>	<u>8,359</u>	<u>18,035</u>	<u>335,159</u>

The 'other' column includes the effect of reclassification of non-current portion of interest-bearing lease liabilities due to the passage of time, the effect of accrued but not yet paid interest on lease liabilities and any fair value adjustments resulting from changes in contractual lease payments. The Company classifies interest paid as cashflows from operating activities.

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16 Share capital

	2020	2019
	CHF	CHF
Authorised		
1,000 Ordinary shares of CHF1,000 each	<u>1,000,000</u>	<u>1,000,000</u>
Alotted, called up and fully paid		
1,000 Ordinary shares of CHF1,000 each	<u>1,000,000</u>	<u>1,000,000</u>

Each holder of a fully paid ordinary share is entitled to one vote for each share owned. When and as dividends are declared upon the ordinary share capital of the Company, the holders of ordinary shares are entitled to share equally, share for share, in such dividends. In the event of liquidation of the Company, the holders of ordinary shares shall be entitled to receive any of the remaining assets of the Company after the distribution of all preferred amounts. The amount distributed will be in proportion to the number of equity shares held by the shareholders.

17 Capital management

The Company considers its capital to comprise its share capital and retained earnings which amounted CHF 107,951,006 as at 31 December 2020 (2019: CHF 106,613,286). The Company's capital management objectives are to achieve consistent returns while safeguarding capital and to maintain sufficient liquidity to meet the expenses of the Company and to meet its liabilities as they arise.

To achieve the above objectives, the Company invests in term deposits with group approved banks and bonds with an appropriate credit rating (see note 11).

The Company is not subject to externally imposed capital requirements and has no restrictions on the issue or repurchase of ordinary shares.

18 Related party disclosures

Parent and ultimate controlling party

The immediate and ultimate parent undertaking is Zürcher Kantonalbank, a Company incorporated in Switzerland.

Transactions with related parties

The following table provides the total amount of transactions that have been entered into with related parties for the relevant financial year:

		Income	Expenses	Due to	Due from
		Year ended	Year ended	related party	related party
		31 December	31 December	31 December	31 December
		CHF	CHF	CHF	CHF
Parent:					
Zürcher Kantonalbank	2020	10,098,383	8,173,643	1,052,941	-
	2019	11,020,944	9,936,938	1,048,684	-
Bank accounts held with parent Company	2020	-	-	185,963,621	202,992,341
	2019	-	-	48,593,322	54,407,287
Derivative contracts with parent Company	2020	-	-	80,470,947	19,330,928
	2019	-	-	34,745,834	27,425,409
Structured products held by parent Company	2020	-	-	102,479,703	-
	2019	-	-	97,910,014	-

Terms and conditions of transactions with related parties

Outstanding balances at the year end are unsecured and interest free and settlement occurs in cash. There have been no guarantees provided or received for any related party receivables or payables.

Transactions with key management personnel

Key management personnel, defined as the Board of Directors and Chief Executive Officer, received the following compensation during the year:

	Year ended	Year ended
	31 December	31 December
	2020	2019
	CHF	CHF
Short-term employee benefits	<u>219,485</u>	<u>175,148</u>

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19 Events after the statement of financial position date

Guernsey entered into a lockdown on 23 January 2021, with residents asked to stay at home except for essential circumstances. Management therefore enacted the Company's 'work from home' procedures, and the Company has continued to operate without interruption as all employees are able to fulfil their duties remotely.