

# **Charoen Pokphand Foods Public Company Limited and its Subsidiaries**

## **Notes to the financial statements**

**For the year ended 31 December 2022**

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**Charoen Pokphand Foods Public Company Limited  
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**Notes to the financial statements**  
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These notes form an integral part of the financial statements.

The financial statements issued for Thai statutory and regulatory reporting purposes are prepared in the Thai language. These English language financial statements have been prepared from the Thai language statutory financial statements, and were approved and authorised for issue by the executive directors on 24 February 2023.

## 1 General information

Charoen Pokphand Foods Public Company Limited, the “Company”, is incorporated in Thailand on 17 January 1978 and has its registered head office at 313 C.P. Tower, Silom Road, Silom, Bangrak, Bangkok 10500, Thailand.

The Company was listed on the Stock Exchange of Thailand on 21 December 1987.

The principal activities of the Company and its subsidiaries (together referred to the “Group”) are operating in agro-industrial and integrated food businesses.

The Group’s business operations are located throughout Thailand and overseas. The businesses are divided into 2 main segments as follows:

- 1) The livestock business comprises chicken, duck and pigs
- 2) The aquaculture business comprises shrimp and fish

The Group’s two main businesses are vertically integrated, starting from sourcing of raw materials for animal feed production, manufacturing animal feed, breeding animals, farming animals for commercial purposes, primary processing meat, producing ready-to-eat food products, and including operating food retail outlets and restaurants. The Group’s main products are divided into 3 main categories as follows:

- 1) Animal feed
- 2) Animal farm products such as animal breeder, live animal and primary processing meat, etc.
- 3) Processed foods and ready meals

Details of the Company’s subsidiaries as at 31 December were as follows:

Name of the entity	Type of business	Country of incorporation	Ownership interest (%)	
			2022	2021
<b><i>Thailand operations and businesses related to operations in Thailand</i></b>				
<b><i>Livestock business</i></b>				
<b><i>Direct subsidiaries</i></b>				
1) Bangkok Produce Merchandising Public Company Limited	Animal feed raw materials distribution	Thailand	99.44	99.44
2) CPF (Thailand) Public Company Limited	Agro-industrial and integrated food	Thailand	99.99	99.99
<b><i>Indirect subsidiaries</i></b>				
1) CP Hilai Habour Co., Ltd.	Restaurant business	Thailand	99.99	99.99
2) Dak Galbi Group Co., Ltd.	Restaurant business	Thailand	59.99	59.99
3) Tacham Agricultural Industry Co. , Ltd.	Livestock farming	Thailand	79.99	-
4) CPF Food Trading Co., Ltd.	Importer and distributor of processed meat and ready meals	China	100.00	100.00

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Name of the entity	Type of business	Country of incorporation	Ownership interest (%)	
			2022	2021
5) Berice LLC	Investment in restaurant	United States of America	99.99	99.99
5.1) Yipeng, LLC	Restaurant business	United States of America	99.99	99.99
6) Suansomboon Co., Ltd.	Agricultural plant farming	Thailand	99.99	99.99
<b>Direct and indirect subsidiaries</b>				
1) C.P. Merchandising Co., Ltd.	Investment and international trading	Thailand	99.99	99.99
1.1) CPF Trading Co., Ltd.	Wholesale and retail food products	Thailand	99.98	99.99
1.1.1) Chester's Food Co., Ltd.	Restaurant business	Thailand	99.97	99.99
1.1.2) CPF Restaurant and Food Chain Co., Ltd.	Restaurant business	Thailand	99.97	99.99
1.1.3) C.P. Food Products, Inc.	Importer and distributor of seafood products, RTE products, and frozen fruit	United States of America	99.98	99.99
1.1.4) C.P. Food Singapore Pte Ltd.	Importer and distributor of fresh meat and processed food, including RTE products and seafood	Singapore	99.98	99.99
1.1.5) CPF Denmark A/S	Importer and distributor of fresh meat and processed food, including RTE products and frozen fruit	Denmark	51.99	51.99
1.1.6) CPF Hong Kong Co., Ltd.	Importer and distributor of eggs, fresh meat, processed meat, seafood, milk product and RTE products, frozen fruit, and investment	Hong Kong Special Administrative Region	99.98	99.99
1.1.6.1) Consumer Package Commerce Co., Ltd.	Importer and distributor of fresh meat and processed food	South Korea	99.98	99.99
1.1.6.2) CPF Europe S.A.	Importer and distributor of fresh meat and processed food, Including RTE products, dry food, ingredients, seafood, and investment	Belgium	99.97	99.99
1.1.6.2.1) Paulsen Food GmbH	Distributor of fresh meat, processed products, seafood and investment	Germany	99.97	99.98
1.1.6.2.1.1) CPF Distribution GmbH	Distribution of ready meals	Germany	99.97	99.98
1.1.6.2.1.2) ZGG Verwaltungs GmbH	Investment	Germany	99.97	99.98
1.1.6.2.2) CP Foods (UK) Limited and subsidiaries	Importer, repacking services, and distributor of processed meat, including RTE products	United Kingdom	99.97	99.98
1.1.6.2.2.1) The Foodfellas Limited	Importer/exporter and distributor of ingredients, food products and frozen fruit	United Kingdom	99.97	99.98
1.1.6.2.3) Westbridge Food Group Limited	Investment	United Kingdom	99.97	99.99
1.1.6.2.3.1) Westbridge Foods Limited	Importer and distributor of meat and ready meals	United Kingdom	99.97	99.99
1.1.6.2.3.2) Westbridge Foods (Thailand) Limited	Provision and development for Asian food product	Thailand	99.97	99.99

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Name of the entity	Type of business	Country of incorporation	Ownership interest (%)	
			2022	2021
1.1.6.2.3.3) Westbridge (Qingdao) Trading Co., Ltd.	Provision and development for Asian food product	China	99.97	99.99
1.1.6.2.3.4) Wignall Holdings Limited <sup>(3)</sup>	Investment	United Kingdom	-	99.99
1.1.6.2.3.5) Westbridge Foods (Haydock) Limited <sup>(3)</sup>	Distribution of meat products	United Kingdom	-	99.99
1.1.6.2.3.6) Westbridge Holding B.V.	Investment	Netherlands	99.97	99.99
1.1.6.2.3.7) Westbridge Foods (France) SARL	Distribution of meat products	France	99.97	99.99
1.1.6.2.3.8) Food Trac Limited	Distribution of meat products	United Kingdom	99.97	99.99
1.1.6.2.3.9) Westbridge Group License Companies <sup>(3)</sup>	Importer of poultry meat products	United Kingdom	-	99.99
1.1.7) CPF Food Network Co., Ltd.	Exporter and importer of processed food, including RTE products	Thailand	99.97	-
1.1.8) International Pet Food Co., Ltd.	Production and sale of pet snack products	Thailand	99.97	99.99
1.2) CPF Food and Beverage Co., Ltd.	Production and distributor of ready meals	Thailand	99.98	99.99
1.3) C.P. Foods Holdings Limited	Investment	British Virgin Islands	99.99	100.00
2) Charoen Pokphand Enterprise (Taiwan) Co., Ltd. <sup>(1)</sup>	Chicken integration and livestock farming	Republic of China (Taiwan)	39.00	39.00
2.1) Arbor Acres (Taiwan) Co., Ltd. <sup>(1)</sup>	Livestock farming	Republic of China (Taiwan)	19.50	19.50
2.2) Charoen Pokphand (Taiwan) Co., Ltd. <sup>(1)</sup>	Importer and distributor of feedstuff additives and animal vaccines	Republic of China (Taiwan)	35.10	35.10
2.3) Chia Tai Lianyungang Co., Ltd. <sup>(1)</sup>	Investment	Hong Kong Special Administrative Region	39.00	39.00
2.4) Plenty Type Limited <sup>(1)</sup>	Investment	Cayman Islands	39.00	39.00
2.5) Rui Fu Foods Co., Ltd. <sup>(1)</sup>	Layer chicken business	Republic of China (Taiwan)	19.89	19.89
2.6) Rui Mu Foods Co., Ltd. <sup>(1)</sup>	Layer chicken business	Republic of China (Taiwan)	26.52	26.52
2.7) Sheng Da Foods Co., Ltd. <sup>(1)</sup>	Layer chicken business	Republic of China (Taiwan)	14.92	14.92

**Other businesses**

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Name of the entity	Type of business	Country of incorporation	Ownership interest (%)	
			2022	2021
Direct subsidiaries				
1) CPF Training Center Co., Ltd.	Training center service provider	Thailand	99.99	99.99
2) CPF IT Center Co., Ltd.	Information technology service provider	Thailand	99.99	99.99
3) CPF Food Research and Development Center Co., Ltd.	Food research and development	Thailand	99.99	99.99
Overseas operations				
Direct subsidiaries				
1) Bellisio Investment, LLC	Investment	United States of America	100.00	100.00
1.1) Bellisio Parent, LLC <sup>(2)</sup>	Investment	United States of America	100.00	100.00
1.1.1) Bellisio Foods, Inc.	Production and distributor of ready meals	United States of America	100.00	100.00
1.1.2) Bellisio Foods Canada Corp.	Production and distributor of ready meals	Canada	100.00	100.00
1.1.3) FSI Parent Corp.	Investment	United States of America	100.00	100.00
1.1.3.1) Frozen Specialties, Inc.	Production and distributor of ready meals	United States of America	100.00	100.00
1.1.4) Overhill Farms, Inc.	Production and distributor of ready meals	United States of America	100.00	100.00
1.1.5) The All American Gourmet Company <sup>(2)</sup>	Production and distributor of ready meals	United States of America	100.00	100.00
2) C.P. Aquaculture (Hainan) Co., Ltd. <sup>(2)</sup>	Aquaculture farming and hatchery business	China	100.00	100.00
3) C.P. Foods International Limited	Investment	British Virgin Islands	100.00	100.00
4) CP Foods Capital Limited	Investment	British Virgin Islands	100.00	100.00
5) Charoen Pokphand Foods Kenya Co., Ltd. <sup>(2)</sup>	Animal feedmill and livestock farming	Kenya	99.99	99.99
6) Chun Ta Investment Co., Ltd	Investment	Republic of China (Taiwan)	100.00	100.00
7) CPF Investment Limited	Investment	British Virgin Islands	100.00	100.00
7.1) Giant Crown Investments Limited	Investment	British Virgin Islands	100.00	100.00
8) CPF Netherlands B.V	Investment	Netherlands	99.99	99.99
8.1) CP Chozen Limited	Investment	United Kingdom	79.99	79.99
8.1.1) Chozen Holdings Limited	Restaurant business	United Kingdom	79.99	79.99
8.1.2) Chozen Noodle Trading Limited	Property lease-out	United Kingdom	79.99	79.99
8.2) CPF Canada Holdings Corp	Investment in integrated swine business	Canada	99.99	99.99
8.3) Russia Baltic Pork Invest AS	Investment	Norway	75.82	75.82

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			2022	2021
8.3.1) Agro-Oskol CJSC	Agricultural plant farming	Russia	75.82	75.82
8.3.2) Agro-Ostrogorzhsk LLC	Agricultural plant farming	Russia	75.82	75.82
8.3.3) Agro-Sojuz TS LLC	Investment	Russia	75.82	75.82
8.3.4) Alekseevskiy Kombikormovy Zavod CJSC	Animal feedmill	Russia	75.82	75.82
8.3.5) Alekseevsky Bekon JSC	Livestock farming	Russia	75.82	75.82
8.3.6) APK Don LLC	Management and advisory service	Russia	75.82	75.82
8.3.7) Chochol Trostjanka LLC	Agricultural plant farming	Russia	75.82	75.82
8.3.8) Donskoy Bekon LLC	Livestock farming	Russia	75.82	75.82
8.3.9) Farm Construction Limited Liability Company	Swine farm construction	Russia	75.82	75.82
8.3.10) Finagro ASP	Financial service	Denmark	75.82	75.82
8.3.11) Kornevo Limited Liability Company	Livestock farming	Russia	75.82	75.82
8.3.12) Management Company RBPI Group Limited Liability Company	Property lease-out	Russia	75.82	75.82
8.3.13) Mjaso-Sojuz T LLC	Investment	Russia	75.82	75.82
8.3.14) MPK Belgorod LLC	Investment	Russia	75.82	75.82
8.3.15) NNPP Limited Liability Company	Livestock farming	Russia	75.82	75.82
8.3.16) NNPP-2 Limited Liability Company	Livestock farming	Russia	75.82	75.82
8.3.17) Pravdinsk Pig Production Joint Stock Company	Livestock farming	Russia	75.82	75.82
8.3.18) Pravdinsk Pig Production-2 Limited Liability Company	Livestock farming	Russia	75.82	75.82
8.3.19) RBPI Elite Seeds LLC	Production of elite seeds	Russia	75.82	75.82
8.3.20) RBPI Partner East LLC	Slaughterhouse	Russia	75.82	75.82
8.3.21) RBPI Partner West LLC	Slaughterhouse	Russia	75.82	75.82
8.3.22) RBPI Voronezh LLC	Investment	Russia	75.82	75.82
8.3.23) Rechnoe Limited Liability Company	Biological waste management services provider	Russia	75.82	75.82
8.4) Stesha LLC	Investment	Russia	99.99	99.99
8.4.1) CP Foods Trading LLC	Importer and exporter of meat products	Russia	99.99	99.99
8.4.2) JSC Poultry Parent Stock Production Woyskovitsy	Livestock farming and breeding	Russia	99.99	99.99
8.4.3) JSC Poultry Production Severnaya	Animal feedmill, livestock farming and food processing plant	Russia	99.99	99.99
8.5) Tops Foods NV	Production and distributor of ready meals	Belgium	89.69	84.07
9) CPF Poland S.A.	Agro-industrial products and food	Poland	66.67	66.67
9.1) CPF Culinar Sp. z o.o.	Production of seafood products	Poland	66.67	66.67
9.2) Food Port Sp. z o.o.	Distributor of seafood products	Poland	66.67	66.67
9.3) PetRepublic Ltd.	Production and sale of pet food	Poland	60.00	60.00
9.4) PLANT-TEC Europe Sp. z o.o.	Investment	Poland	66.67	66.67
10) Homegrown Shrimp (USA) LLC	Shrimp farming	United States of America	100.00	100.00
11) Ta Chung Investment Co., Ltd.	Investment	Republic of	100.00	100.00

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Name of the entity	Type of business	Country of incorporation	Ownership interest (%)	
			2022	2021
<i>Direct and indirect subsidiaries</i>				
1) Charoen Pokphand Foods (Overseas) LLC	Animal feedmill and livestock farming	China (Taiwan)	99.99	99.99
1.1) CPF Agro LLC	Livestock farming	Russia	99.99	99.99
1.2) CPF Foods LLC	Property lease-out	Russia	99.99	99.99
1.3) CPF Ryazan LLC	Livestock farming	Russia	99.99	99.99
1.4) CPF Serebryanie Prudy LLC	Livestock farming	Russia	99.99	99.99
1.5) CPF Construction LLC	Provision of consulting service on construction	Russia	99.99	99.99
2) Charoen Pokphand Foods Philippines Corporation	Production and sale of animal feed, farming and shrimp hatchery business	Philippines	99.99	99.99
3) Chia Tai Enterprises International Limited	Investment	Bermuda	50.43	50.43
3.1) C.P. Enterprises Limited	Investment	Hong Kong Special Administrative Region	50.43	50.43
3.2) Chia Tai Biopharmaceutical (Fujian) Co., Ltd. <sup>(1)</sup>	Production and sale of drugs	China	35.17	35.17
3.3) Chia Tai Huazhong Biochemistry Limited	Investment	Hong Kong Special Administrative Region	50.43	50.43
3.4) Chia Tai Pucheng Biochemistry Limited	Investment	Hong Kong Special Administrative Region	50.43	50.43
3.5) ECI Machinery Co., Ltd.	Investment	British Virgin Islands	50.43	50.43
3.6) Golden Industrial Investment Limited	Investment	Hong Kong Special Administrative Region	50.43	50.43
3.7) Henan Chia Tai Biochemistry Trading Co., Ltd. <sup>(1)</sup>	Trading of animal drugs	China	35.17	35.17
3.8) Pucheng Chia Tai Biochemistry Co., Ltd. <sup>(1)</sup>	Production and sale of chlortetracycline	China	35.17	35.17
3.9) Shanghai C.P. Industrial Trading Co., Ltd. <sup>(2)</sup>	Sale of machine and spare part	China	50.43	50.43
3.10) Zhumadian Huazhong Chia Tai Co., Ltd. <sup>(1)</sup>	Production and sale of chlortetracycline	China	35.17	35.17
4) C.P. Aquaculture (India) Private Limited	Production and sale of shrimp feed, shrimp hatchery and sale of shrimp processing	India	75.00	75.00
5) C.P. Pokphand Co., Ltd.	Investment in agro-industrial and food	Bermuda	76.24	52.25
5.1) Advanced Aquaculture Viet Nam Co., Ltd	Aquaculture farming	Vietnam	83.18	-
5.2) AHM Lifestyles - Creative	Restaurant business	Vietnam	62.43	50.96

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			2022	2021
Hospitality Joint Stock Company				
5.3) Beijing CP Consultation Services Co., Ltd.	Provision of consulting service on economic and trade	China	76.24	52.25
5.4) C.P. Aquaculture (Dongfang) Co., Ltd.	Shrimp hatchery business	China	76.24	52.25
5.5) C.P. Aquaculture (Jiangsu) Co., Ltd.	Production and sale of animal feed	China	76.24	52.25
5.6) C.P. Aquaculture (Zhanjiang) Co., Ltd.	Shrimp hatchery business	China	76.24	52.25
5.7) C.P. Food Enterprises (Ningbo) Co., Ltd.	Production and sale of processed food and ready meals	China	76.24	52.25
5.8) C.P. Food (Hengshui) Co., Ltd.	Production and sale of processed food	China	76.24	52.25
5.9) C.P. Food (Kaifeng) Co., Ltd.	Production and sale of processed food	China	76.24	52.25
5.10) C.P. Food (Nantong) Co., Ltd.	Production and sale of processed food and ready meals	China	76.24	52.25
5.11) C.P. Food (Zhanjiang) Co., Ltd.	Production and sale of processed food	China	76.24	52.25
5.12) C.P. Standard Resources Limited	Investment	Hong Kong Special Administrative Region	76.24	52.25
5.13) C.P. Vietnam Corporation	Production and sale of animal feed, farming and processed food	Vietnam	83.18	66.18
5.14) C.T. Progressive (H.K.) Limited	Investment	Bermuda	76.24	52.25
5.15) Charoen Pokphand (China) Investment Limited	Investment	British Virgin Islands	76.24	52.25
5.16) Chia Tai (Beijing) Investment Management Co., Ltd.	Management and advisory service	China	76.24	52.25
5.17) Chia Tai Food Enterprise (Qingdao) Co., Ltd.	Production and sale of processed food, processed meat and ready meals	China	76.24	52.25
5.18) Chia Tai Food Industry (Suqian) Co., Ltd.	Production and sale of processed food, processed meat and ready meals	China	76.24	52.25
5.19) Chia Tai Food (Suqian) Co., Ltd.	Poultry farming, production and sale of chicken meat products	China	76.24	52.25
5.20) CP Aqua Company Limited	Investment in aquaculture business	Hong Kong Special Administrative Region	76.24	52.25
5.21) CP China Investment Limited	Investment	Cayman Islands	76.24	52.25
5.22) CP Food Enterprise (Qinhuangdao) Co., Ltd.	Production and sale of processed food, processed meat and ready meals	China	76.24	52.25
5.23) CP Food Investment Limited	Investment	Hong Kong Special Administrative Region	76.24	52.25
5.24) CPV Food Co., Ltd.	Livestock farming, production and sale of animal feed and processed food	Vietnam	83.18	66.18
5.25) Dongying Chia Tai Aqua Co., Ltd.	Production and sale of animal feed	China	76.24	52.25



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			2022	2021
5.26) Dzine Food Solutions Company Limited	Restaurants and mobile catering services	Vietnam	83.18	66.18
5.27) Fujian Chia Tai Food Co., Ltd. <sup>(1)</sup>	Sale of processed poultry meat	China	53.37	36.57
5.28) Fujian Hetai Agro-Industry Co., Ltd. <sup>(1)</sup>	Farming and sale of poultry	China	53.37	36.57
5.29) Hannick Limited	Property investment	Hong Kong Special Administrative Region	76.24	52.25
5.30) Henan Chia Tai Agro-Industrial Financing Guarantee Co., Ltd.	Providing financial guarantee services	China	76.24	52.25
5.31) Hubei Chia Tai Co., Ltd.	Production and sale of animal feed, breeding and processed meat	China	76.24	52.25
5.32) Jiangsu Chia Tai Agriculture Financing Guarantee Co., Ltd.	Providing financial guarantee services	China	76.24	52.25
5.33) Jilin Chia Tai Food Co., Ltd.	Production and sale of processed food, processed meat and ready meals	China	76.24	52.25
5.34) Longyan Baotai Agro-Industry Co., Ltd. <sup>(1)</sup>	Farming and sale of poultry	China	53.37	36.57
5.35) Longyan Chia Tai Co., Ltd. <sup>(1)</sup>	Production of processed poultry meat	China	53.37	36.57
5.36) Modern State Investments Limited	Investment	British Virgin Islands	76.24	52.25
5.37) Zhangzhou C.P. Chia Tai Aquaculture Co., Ltd.	Shrimp farming	China	76.24	52.25
6) CPF Tanzania Limited <sup>(2)</sup>	Animal feedmill and livestock farming	Tanzania	99.99	99.99
<b>Indirect subsidiaries</b>				
1) Bright Excel Investments Limited	Investment	British Virgin Islands	100.00	100.00
2) C.P. Cambodia Co., Ltd.	Production and sale of animal feed, livestock farming and processed food	Cambodia	100.00	100.00
2.1) Cambodia Property and Trading Co., Ltd. <sup>(1)</sup>	Property lease-out	Cambodia	49.00	49.00
3) C.P. Laos Co., Ltd.	Animal feedmill and livestock farming	Laos	99.99	99.99
4) C.P. Standart Gida Sanayi ve Ticaret A.S.	Agro-industrial and integrated food	Turkey	100.00	100.00
5) Charoen Pokphand (Taiwan) Investment Limited	Investment	Bermuda	100.00	100.00
6) Charoen Pokphand Foods (Malaysia) Sdn. Bhd.	Investment in aquaculture integration business and swine business	Malaysia	99.99	99.99
6.1) Asia Aquaculture (M) Sdn. Bhd.	Shrimp farming and processing plant	Malaysia	99.99	99.99
6.2) Makin Jernih Sdn. Bhd.	Investment	Malaysia	99.99	99.99
6.2.1) AA Meat Shop Sdn. Bhd.	Livestock processing retailer	Malaysia	99.99	99.99
6.2.2) Chau Yang Farming Sdn. Bhd.	Livestock farming	Malaysia	99.99	99.99
6.2.3) Tip Top Meat Sdn. Bhd.	Livestock processing plant	Malaysia	99.99	99.99
6.3) Star Feedmills (M) Sdn. Bhd.	Aquatic feed production and	Malaysia	99.99	99.99

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Name of the entity	Type of business	Country of incorporation	Ownership interest (%)	
			2022	2021
	distribution			
7) Charoen Pokphand Foods Canada Inc. <sup>(3)</sup>	Import and export food products	Canada	-	100.00
8) Charoen Pokphand Holdings (Malaysia) Sdn. Bhd.	Investment in integrated poultry businesses	Malaysia	100.00	100.00
8.1) Avian Farm (Malaysia) Sdn. Bhd.	Livestock farming	Malaysia	100.00	100.00
8.2) Charoen Pokphand Feedmills (B'worth) Sdn. Bhd. <sup>(3)</sup>	Production and sale of processing meat and livestock farming	Malaysia	-	100.00
8.3) Charoen Pokphand Feedmills (M) <sup>(2)</sup> Sdn. Bhd. <sup>(2)</sup>	Production and sale of processing meat and livestock farming	Malaysia	100.00	100.00
8.4) Charoen Pokphand Jaya Farm (M) Sdn. Bhd.	Production and sale of processing meat and	Malaysia	100.00	100.00
8.5) Linggi Poultry Farm (M) Sdn. Bhd. <sup>(2)</sup>	Property lease-out	Malaysia	100.00	100.00
8.6) PK Agro-Industry Products (M) Sdn. Bhd.	Production and sale of animal feed, processed food and livestock farming	Malaysia	100.00	100.00
8.7) Teck Huat Farming Sdn. Bhd.	Livestock farming	Malaysia	100.00	100.00
9) Coinaton Investments Limited	Investment	British Virgin Islands	100.00	100.00
10) CPF (India) Private Limited	Production and sale of animal feed, farming and processed food	India	99.99	99.99
10.1) Lotus Aquaculture Lanka (Private) Limited	Shrimp hatchery and farming, and cold storage	Sri Lanka	75.00	75.00
11) CPF Japan Co., Ltd	Importer and distributor of processed meat and ready meals	Japan	99.99	99.99
12) CPVN Limited	Investment	British Virgin Islands	100.00	100.00
13) Forward Pass Limited	Investment	British Virgin Islands	100.00	100.00
14) New Splendid Holdings Limited	Investment	British Virgin Islands	100.00	100.00
15) Norfolk Foods (Private) Limited	Production and sale of ready meals	Sri Lanka	80.00	80.00

(1) The Group has the power to govern those companies

(2) Operations wound up

(3) Closed

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**2 Basis of preparation of the financial statements**

The financial statements are prepared in accordance with Thai Financial Reporting Standards (“TFRS”); guidelines promulgated by the Federation of Accounting Professions; and applicable rules and regulations of the Thai Securities and Exchange Commission. The financial statements are presented in Thai Baht, which is the Company’s functional currency. The accounting policies described in the notes have been applied consistently to all periods presented in these financial statements except as disclosed in note 3.

The consolidated financial statements relate to the Group and the Group’s interests in associates and joint ventures. The preparation of financial statements in conformity with TFRS requires management to make judgements, estimates and assumptions that affect the application of the Group’s accounting policies. Actual results may differ from these estimates. Estimates and underlying assumptions that described in each note are reviewed on an ongoing basis. Revisions to accounting estimates are recognised prospectively.

**3 Changes in accounting policy**

From 1 January 2022, the Group has changed its accounting policy for the measurement of investment properties from cost method (net of accumulated depreciation and impairment losses) to fair value method in accordance with TAS 40 *Investment Property*, in order to reflect the fair value of the investment properties in the financial statements and to provide more relevant information to the financial statement users for their decision making.

The Group’s investment properties were valued by the independent professional valuers and retrospectively adjusted the previous periods’ comparative information as follows:

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*(Unit: Million Baht)*

	<b>Consolidated financial statements</b>						
	Investment properties	Property, plant and equipment	Deferred tax assets	Deferred tax liabilities	Surplus on revaluation of assets	Non-controlling interests	Retained earnings
As at 1 January 2021							
- as reported	1,433	200,138	2,948	8,962	24,833	70,242	119,893
Impact of changes in accounting policy	4,453	(1,655)	(92)	491	(1,280)	(20)	3,515
<b>As at 1 January 2021</b>							
<b>- restated</b>	<b>5,886</b>	<b>198,483</b>	<b>2,856</b>	<b>9,453</b>	<b>23,553</b>	<b>70,222</b>	<b>123,408</b>
As at 31 December 2021							
- as reported	1,956	230,508	4,964	8,554	24,818	72,070	125,249
Impact of changes in accounting policy	4,453	(1,655)	(234)	349	(1,280)	(20)	3,515
<b>As at 31 December 2021</b>							
<b>- restated</b>	<b>6,409</b>	<b>228,853</b>	<b>4,730</b>	<b>8,903</b>	<b>23,538</b>	<b>72,050</b>	<b>128,764</b>

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(Unit: Million Baht)

	<b>Separate financial statements</b>		
	Investment properties	Deferred tax assets (liabilities)	Retained earnings
As at 1 January 2021 - as reported	355	91	54,225
Impact of changes in accounting policy	1,167	(234)	933
<b>As at 1 January 2021 - restated</b>	<b>1,522</b>	<b>(143)</b>	<b>55,158</b>
As at 31 December 2021 - as reported	902	1,472	47,436
Impact of changes in accounting policy	1,167	(234)	933
<b>As at 31 December 2021 - restated</b>	<b>2,069</b>	<b>1,238</b>	<b>48,369</b>

From 1 December 2022, the Group has changed its accounting policy for the measurement of buildings and building improvements of animal feed product group and processed foods and ready meals product group from cost method to fair value method in accordance with TAS 16 *Property, Plant and Equipment* prospectively, in order to reflect the fair value of these buildings and building improvements in the financial statements and to provide more relevant information to the financial statement users for their decision making.

The fair value of buildings and building improvements of animal feed product group and processed foods and ready meals product group of the Group and the Company as at 1 December 2022 amounting to Baht 62,366 million and Baht 5,172 million, respectively was appraised by an independent valuer at the replacement cost method and was categorised as Level 3 fair value. The Group and the Company recognised gains on revaluation of buildings and building improvements in the consolidated and separate statement of comprehensive income for the year ended 31 December 2022 of Baht 25,963 million and Baht 2,953 million, respectively.

#### **4 Significant accounting policies**

##### **(a) Basis of consolidation**

The consolidated financial statements relate to the Group's interests in associates and joint ventures.

##### *Business combinations*

The Group applies the acquisition method when the Group assess that the acquired set of activities and assets include, at a minimum, an input and a substantive process that together significantly contribute to the ability to create output. The acquisition date is the date on which control is transferred to the Group, other than business combinations with entities under common control. Expenses in connection with a business combination are recognised as incurred. All relevant facts and circumstances are considered in determining the acquisition date and determining whether control is transferred from one party to another. In assessing control, the Group takes into consideration potential voting rights that currently are exercisable.

The Group elect to apply a 'concentration test' that permits a simplified assessment of whether an acquired set of activities and assets is an assets rather than a business acquisition when substantially all of the fair value of the gross assets acquired is concentrated in a single identifiable asset or group of similar identifiable assets.

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Goodwill, at initial recognition, is measured at the fair value of the consideration transferred including the recognised amount of any non-controlling interest in the acquiree, when purchase price is more than the net fair value of the identifiable assets acquired and liabilities assumed. When purchase price is less than net fair value of the identifiable assets acquired and liabilities assumed, gain on bargain purchase is immediately recognised in profit or loss.

Any consideration/contingent consideration payable is recognised at fair value at the acquisition date. If the contingent consideration is classified as equity, it is not remeasured and settlement is accounted for within equity. In the event that contingent consideration is classified as asset or liability, subsequent changes to the fair value of the contingent consideration are recognised in profit or loss.

A contingent liability of the acquiree is assumed in a business combination only if such a liability represents a present obligation and arises from a past event, and its fair value can be measured reliably.

Transaction costs that are incurred in connection with a business combination are recorded as expenses as incurred.

If the business combination is incomplete by the end of the reporting period in which the combination occurs, the Group reports provisional amounts for the items for which the accounting is incomplete. Those provisional amounts are adjusted during the measurement period by the subsequently obtained information, to reflect new information obtained about facts and circumstances that existed at the acquisition date that, if known, would have affected the amounts recognised at that date.

*Step acquisition*

When a business combination is achieved in stages, the Group's previously held equity interest in the acquiree is remeasured to its acquisition-date fair value and the resulting gain or loss, if any, is recognised in profit or loss. Amounts arising from interests in the acquiree prior to the acquisition date that have previously been recognised in other comprehensive income are reclassified to profit or loss where such treatment would be appropriate if that interest were disposed of.

*Subsidiaries*

Subsidiaries are entities controlled by the Group. The Group controls an entity when it is exposed to, or has rights to, variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity. The financial statements of subsidiaries are included in the consolidated financial statements from the date on which control commences until the date on which control ceases. If subsidiaries of the Group use accounting policies other than those adopted in the consolidated financial statements for like transactions and events in similar circumstances, appropriate adjustments are made to their financial statements to comply with the accounting policies of the Parent in preparing the consolidated financial statements.

Losses in a subsidiary which related to non-controlling interests are allocated to non-controlling interests even if doing so causes the non-controlling interests to have a deficit balance.

Changes in the Group's interest in a subsidiary that does not result in a loss of control is accounted for as surplus/deficit from change in shareholders' equity.

*Non-controlling interests*

At the acquisition date, the Group measures any non-controlling interest at its proportionate interest in the identifiable net assets of the acquiree or the fair value.

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*Loss of control*

When the Group loses control over a subsidiary, it derecognises the assets and liabilities of the subsidiary, any non-controlling interests and other components of equity related to the subsidiary. Any resulting gain or loss is recognised in profit or loss. Any interest retained in the former subsidiary is measured at fair value when control is lost. Subsequently it is accounted for as new types of investment depending on the level of influence retained.

*Interests in equity-accounted investees*

Associates are those entities in which the Group has significant influence, but not control or joint control, over the financial and operating policies. A joint venture is an arrangement in which the Group has joint control, whereby the Group has rights to the net assets of the arrangement, rather than rights to its assets and obligations for its liabilities.

The Group recognised investments in associates and joint ventures using the equity method. They are recognised initially at cost, which includes transaction costs. Subsequent to initial recognition, the consolidated financial statements include the Group's dividend income, share of the profit or loss and other comprehensive income of equity-accounted investees, until the date on which significant influence or joint control ceases.

*Transactions eliminated on consolidation*

Intra-group balances and transactions, and any income and expenses, are eliminated in full in preparing the consolidated financial statements. Unrealised gains or losses arising from associates and joint ventures are eliminated against the investment to the extent of the Group's interest in the investee. Unrealised losses are eliminated in the same way as unrealised gains, but only to the extent that there is no evidence of impairment.

**(b) Investments in subsidiaries, associates and joint ventures**

Investments in subsidiaries, associates and joint ventures in the separate financial statements of the Company are accounted for using the cost method.

*Disposal of investments*

On disposal of an investment, the difference between net disposal proceeds and the carrying amount together with the associated cumulative gain or loss that was reported in equity is recognised in profit or loss or retained earnings.

If the Group disposes of part of its holding of a particular investment, the deemed cost of the part sold is determined using the weighted average method.

**(c) Foreign currencies**

Transactions in foreign currencies including non-monetary assets and liabilities denominated in foreign currencies are translated to the respective functional currencies of each entity in the Group at the exchange rates at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies at the reporting date are translated at the foreign exchange rates ruling at that date. Foreign exchange differences arising on translation are recognised in profit or loss.

Non-monetary assets and liabilities measured at fair value in foreign currencies are translated to the functional currency at the foreign exchange rates ruling at the dates that fair value was determined.

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*Foreign operations*

The assets and liabilities of foreign operations, including goodwill and fair value adjustments arising on acquisition, are translated to Thai Baht at the foreign exchange rates ruling at the reporting date.

The revenues and expenses of foreign operations are translated to Thai Baht at rates approximating the foreign exchange rates ruling at the dates of the transactions. Foreign exchange differences arising on translation are recognised in other comprehensive income and presented in foreign currency translation differences in equity until disposal of the investment.

When a foreign operation is disposed of in its entirety or partially such that control, significant influence or joint control is lost, the cumulative amount in the translation reserve related to that foreign operation is reclassified to profit or loss as part of the gain or loss on disposal. If the Group disposes of part of its interest in a subsidiary but retains control, then the relevant proportion of the cumulative amount is reattributed to non-controlling interests. When the Group disposes of only part of an associate or joint venture while retaining significant influence or joint control, the Group shall reclassify to profit or loss only the proportionate share of the cumulative amount of the exchange differences recognised in other comprehensive income.

A monetary item receivable from or payable to a foreign operation for which settlement is neither planned nor likely in the foreseeable future, foreign exchange gains and losses arising from such a monetary item and related hedging transactions are considered to form part of a net investment in a foreign operation and are presented in the same way as foreign exchange differences arising from translation.

**(d) Financial Instruments**

*(d.1) Classification and measurement*

Financial assets and financial liabilities (except trade accounts receivables (see note 4 (f)) are initially recognised when the Group becomes a party to the contractual provisions of the instrument, and measured at fair value, taking into account for transaction costs that are directly attributable to its acquisition, except for financial assets and financial liabilities measured at fair value through profit or loss (FVTPL), which are initially and subsequently measured at fair value, and any transaction costs that are directly attributable to its acquisition are recognised in profit or loss.

On initial recognition, a financial asset is classified as measured at: amortised cost; fair value through other comprehensive income (FVOCI); or FVTPL. Financial assets are not reclassified subsequent to their initial recognition unless the Group changes its business model for managing financial assets, in which case all affected financial assets are reclassified prospectively from the reclassification date.

On initial recognition, financial liabilities are classified as measured at amortised cost using the effective interest method or FVTPL. Interest expense and foreign exchange gains and losses are recognised in profit or loss. Any gain or loss on derecognition is also recognised in profit or loss.



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Financial assets measured at amortised costs are subsequently measured at amortised cost using the effective interest method. The amortised cost is reduced by expected credit losses. Interest income, foreign exchange gains and losses, expected credit loss, gain or loss on derecognition are recognised in profit or loss.

Equity investments measured at FVOCI are subsequently measured at fair value. Dividends are recognised as income in profit or loss on the date on which the Group's right to receive payment is established, unless the dividend clearly represents a recovery of part of the cost of the investment. Other net gains and losses are recognised in OCI and are never reclassified to profit or loss.

*(d.2) Derecognition and offsetting*

The Group derecognises a financial asset when the contractual rights to receive the cash flows from the financial asset expire, or it transfers the rights to receive the contractual cash flows in a transaction in which substantially all of the risks and rewards of ownership of the financial asset are transferred or in which the Group neither transfers nor retains substantially all of the risks and rewards of ownership and it does not retain control of the financial asset.

The Group derecognises a financial liability when its contractual obligations are discharged or cancelled, or expire. The Group also derecognises a financial liability when its terms are modified and the cash flows of the modified liability are substantially different, in which case a new financial liability based on the modified terms is recognised at fair value.

The difference between the carrying amount extinguished and the consideration received or paid is recognised in profit or loss.

Financial assets and financial liabilities are offset and the net amount presented in the statement of financial position when, and only when, the Group currently has a legally enforceable right to set off the amounts and it intends either to settle them on a net basis or to realise the asset and settle the liability simultaneously.

*(d.3) Derivatives*

Derivative are recognised at fair value and remeasured at the fair value at each reporting date. The gain or loss on remeasurement to fair value is recognised immediately in profit or loss, except where the derivatives qualify for cash flow hedge accounting or hedges of net investment in a foreign operation, in which case recognition of any resultant gain or loss depends on the nature of the item being hedged.

*(d.4) Hedging*

At inception of designated hedging relationships, the Group documents the risk management objective and strategy for undertaking the risk, the economic relationship between the hedged item and the hedging instrument, including consideration of the hedge effectiveness at the inception of the hedging relationship and throughout the remaining period to determine the existence of economic relationship between the hedged item and the hedging instrument.

*Cash flow hedges*

When a derivative is designated as a cash flow hedging instrument, the effective portion of changes in the fair value of the derivative is recognised in OCI and accumulated in the hedging reserve.

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Any ineffective portion of changes in the fair value of the derivative is recognised immediately in profit or loss.

The Group designates only the change in fair value of the spot element of forward exchange contracts as the hedging instrument in cash flow hedging relationships. The change in fair value of the forward element of forward exchange contracts recognised in hedging reserve within shareholders' equity.

When the hedged forecast transaction subsequently results in the recognition of a non-financial item such as inventory, the amount accumulated in the hedging reserve is included directly in the initial cost of the non-financial item when it is recognised.

For all other hedged forecast transactions, the amount accumulated in the hedging reserve is reclassified to profit or loss in the same period or periods during which the hedged expected future cash flows affect profit or loss.

If the hedge no longer meets the criteria for hedge accounting or the hedging instrument is sold, expires, is terminated or is exercised, then hedge accounting is discontinued prospectively. When hedge accounting for cash flow hedges is discontinued, the amount that has been accumulated in the hedging reserve remains in equity until, for a hedge of a transaction resulting in the recognition of a non-financial item, it is included in the non-financial item's cost on its initial recognition or, for other cash flow hedges, it is reclassified to profit or loss in the same period or periods as the hedged expected future cash flows affect profit or loss.

If the hedged future cash flows are no longer expected to occur, then the amounts that have been accumulated in the hedging reserve is immediately reclassified to profit or loss.

*(d.5) Impairment of financial assets other than trade accounts receivables*

The Group recognises allowances for expected credit losses (ECLs) on financial assets measured at amortised cost.

The Group recognises ECLs equal to 12-month ECLs unless there has been a significant increase in credit risk of the financial instrument since initial recognition or credit-impaired financial assets, in which case the loss allowance is measured at an amount equal to lifetime ECLs.

The maximum period considered when estimating ECLs is the maximum contractual period over which the Group is exposed to credit risk.

ECLs are a probability-weighted estimate of credit losses based on forward-looking and historical experience. Credit losses are measured as the present value of all cash shortfalls discounted by the effective interest rate of the financial asset.

The Group assumes that the credit risk on a financial asset has increased significantly if there is significant deterioration in financial instruments's credit rating, significant deterioration in the operating results of the debtor or forecast changes in the technological, market, economic or legal environment that have a significant adverse effect on the debtor's ability to meet its obligation to the Group.

The Group considers a financial asset to be in default when the debtor is unlikely to pay its credit obligations to the Group in full, without recourse by the Group to actions such as realising security (if any is held).

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*(d.6) Write-offs*

The gross carrying amount of a financial asset is written off when the Group has no reasonable expectations of recovering. Subsequent recoveries of an asset that was previously written off, are recognised as a reversal of impairment in profit or loss in the period in which the recovery occurs.

*(d.7) Interest*

Interest income and expense is recognised in profit or loss using the effective interest method. In calculating interest income and expense, the effective interest rate is applied to the gross carrying amount of the asset (when the asset is not credit-impaired) or to the amortised cost of the liability. However, for financial assets that have become credit-impaired subsequent to initial recognition, interest income is calculated by applying the effective interest rate to the amortised cost of the financial asset. If the asset is no longer credit-impaired, then the calculation of interest income reverts to the gross basis.

*(e) Cash and cash equivalents*

Cash and cash equivalents comprise cash balances, call deposits and highly liquid short-term investments which has a maturity of three months or less from the date of acquisition and bank overdrafts that are repayable on demand.

Deposits that have a restriction on use are presented separately in the account “Restricted deposits at financial institutions” in the statement of financial position.

*(f) Trade and other accounts receivable*

Trade and other accounts receivable are recognised when the Group has an unconditional right to receive consideration and are stated at their invoice value less allowance for ECLs. Bad debts are written off after performing the appropriate procedures prescribed in the Revenue Code.

The Group estimates lifetime ECLs, using a provision matrix to find ECLs rate. This method groups the debtors based on shared credit risk characteristics and past due status, taking into account historical credit loss data, adjusted for factors that are specific to the debtors and an assessment of both current economic conditions and forward-looking general economic conditions at the reporting date.

*(g) Inventories*

Finished goods, raw materials, chemicals, medicals and supplies are measured principally at the lower of average cost and net realisable value.

Work in progress is measured principally at the lower of cost and net realisable value.

Cost comprises direct costs incurred in acquired the inventories. In the case of manufactured inventories and work in progress, cost includes an appropriate share of overheads based on normal operating capacity.

Net realisable value is the estimated selling price in the ordinary course of business less the estimated costs to complete and to make the sale.

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**(h) *Biological assets***

Biological assets are measured at fair value less costs to sell (the incremental cost directly attributable to the disposal of a biological asset), except for the case where the fair value cannot be measured reliably, they are measured at cost less accumulated depreciation and impairment losses. Gains or losses on changes in fair value less costs to sell are recognised in profit or loss.

Non-current biological assets, mainly consisting of swine breeders, are separately presented under the caption “Non-current assets”. Other biological assets are presented under the caption “Current assets” in the statement of financial position.

**(i) *Non-current assets classified as held for sale***

Non-current assets, or disposal groups comprising assets and liabilities, are classified as held for sale if it is highly probable that they will be recovered primarily through sale rather than through continuing use. Such assets, or disposal group, are measured at the lower of their carrying amount and fair value less cost to sell. Any impairment loss on a disposal group is allocated first to goodwill, and then to remaining assets and liabilities on a pro rata basis, except that no loss is allocated to inventories, financial assets, deferred tax assets and investment properties, which continue to be measured under different rules in accordance with the Group’s accounting policies. Impairment losses on initial classification as held for sale and subsequent gains and losses on remeasurement are recognised in profit or loss. Gains are not recognised in excess of any cumulative impairment loss.

Once classified as held for sale, intangible assets and property, plant and equipment are no longer amortised or depreciated, and any equity-accounted investee is no longer equity accounted.

**(j) *Investment property***

Investment property is initially measured at cost and subsequently at fair value with any change therein recognised in profit or loss.

Cost includes expenditure that is directly attributable to the acquisition of the investment property. The cost of self-constructed investment property includes the cost of materials and direct labour, capitalised borrowing costs, and other costs directly attributable to bringing the investment property to a working condition for its intended use.

Differences between the proceeds from disposal and the carrying amount of investment property are recognised in profit or loss.

*Transfers to property and plant*

Transfer from investment property to property and plant in use is measured at fair value at the date of change in use and remeasured in accordance with accounting policy of property and plant.

**(k) *Property, plant and equipment***

Land used for operations is measured at revalued amounts. Land acquired after the latest revaluation was made is stated at cost less accumulated impairment losses.

Plant and equipment are measured at cost less accumulated depreciation and impairment losses except buildings and building improvements of animal feed product group and processed foods and ready meals product group which are measured at revalued amounts.

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Cost includes expenditure that is directly attributable to the acquisition of the asset. The cost of self-constructed assets includes the cost of materials and direct labour, capitalised borrowing costs, and other costs directly attributable to bringing the assets to a working condition for their intended use, the costs of dismantling and removing the items and restoring the site on which they are located. Purchase software that is integral to the functionality of the related equipment is capitalised as part of the equipment.

When parts of an item of property, plant and equipment have different useful lives, they are accounted for as separate items (major components) of property, plant and equipment.

Gains or losses on disposal of an item of property, plant and equipment are determined by comparing the proceeds from disposal with the carrying amount of property, plant and equipment, and are recognised in profit or loss. When revalued assets are sold, the amounts included in the revaluation differences on assets are transferred to retained earnings.

*Revalued assets*

The revalued amount is the fair value determined on the basis of the property's existing use at the date of revaluation less any subsequent accumulated depreciation and impairment losses.

Revaluations of assets are performed by independent professional valuers with sufficient regularity to ensure that the carrying amount of these assets approximated to that which would be determined using fair values at the reporting date.

Any increase in value net of deferred tax liability is recognised in other comprehensive income and presented in "Gains (losses) on revaluation of assets" in other components of equity unless it offsets a previous decrease in value recognised in profit or loss in respect of the same asset. Any value of subsequent increase will credit to other comprehensive income only for the amount higher than the previous decrease in value.

A decrease in value is recognised in profit or loss to the extent it exceeds an increase previously recognised in other comprehensive income in respect of the same asset.

*Transfers to investment property*

Transfers from owner-occupied property to investment property is measured at fair value of the property transferred at the date of the change in use.

*Subsequent costs*

The cost of replacing a part of an item of property, plant and equipment is recognised in the carrying amount of the item when the future economic benefits embodied within the part will flow to the Group, and its cost can be measured reliably. The carrying amount of the replaced part is derecognised. The costs of the day-to-day servicing of property, plant and equipment are recognised in profit or loss as incurred.

*Transfer of revaluation surplus*

The revaluation surplus is utilised by reference to the difference between depreciation based on the revalued carrying amount of the asset and depreciation based on the asset's original cost and transferred directly to retained earnings. Upon disposal of a revalued asset, any remaining related revaluation surplus is transferred directly to retained earnings and is not taken into account in calculating the gain or loss on disposal.

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*Depreciation*

Depreciation is calculated on a straight-line basis over the estimated useful lives of each component of an asset and recognised in profit or loss. No depreciation is provided on land and assets under construction.

The estimated useful lives are as follows:

Utilities system	3 - 40	years
Buildings and constructions	3 - 65	years
Building improvements and leasehold improvements	3 - 65	years
Water and electricity systems	3 - 30	years
Machinery and equipment	2 - 30	years
Furniture, fixtures and office equipment	2 - 20	years
Vehicles	2 - 25	years

**(l) Goodwill**

Goodwill is measured at cost less accumulated impairment losses. The carrying amount of goodwill related to associates and joint ventures is included in the carrying amount of the investment in associates and joint ventures.

**(m) Research and development**

Development expenditure is capitalised only if development costs can be measured reliably, the product or process is technically and commercially feasible, future economic benefits are probable, and the Group intends to and has sufficient resources to complete development and to use or sell the asset. Other development expenditure and expenditure on research activities are recognised in profit or loss as incurred.

Capitalised development expenditure is measured at cost less accumulated amortisation and impairment losses. The expenditure cost includes the cost of materials, direct labour, overhead costs that are directly attributable to preparing the asset for its intended use, and borrowing costs. Subsequent expenditure is capitalised only when it increases the future economic benefits.

**(n) Other intangible assets**

Other intangible assets that have indefinite useful lives are measured at cost less impairment losses. Other intangible assets that are acquired by the Group and have finite useful lives are measured at cost less accumulated amortisation and impairment losses. Subsequent expenditure is capitalised only when it will generate the future economic benefits.

*Amortisation*

Amortisation is recognised in profit or loss on a straight-line basis over the estimated useful lives of intangible assets, other than goodwill and intangible assets with an indefinite useful life, from the date that they are available for use.

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The estimated useful lives are as follows:

Development cost of software applications	3 - 20	years
Software licenses	3 - 20	years
Trademarks	8 - 20 years and indefinite useful life	
Customer relationship	10 - 15	years
Development cost of products	5, 15	years
Trademark licenses	15	years

**(o) Leases**

At inception of a contract, the Group assesses whether a contract is, or contains, a lease when it conveys the right to control the use of an identified asset for a period of time in exchange for consideration.

*As a lessee*

At commencement or on modification of a contract, the Group allocates the consideration in the contract to each lease component on the basis of its relative stand-alone prices of each component. For the leases of property, the Group has elected not to separate non-lease components and accounted for the lease and non-lease components wholly as a single lease component.

The Group recognises a right-of-use asset and a lease liability at the lease commencement date, except for leases with less than 12 months of lease term and low value assets which is recognised as an expense on a straight-line basis over the lease term.

Right-of-use asset is measured at cost, less any accumulated depreciation and impairment loss, and adjusted for any remeasurements of lease liability. The cost of right-of-use asset includes the initial amount of the lease liability adjusted for any lease payments made at or before the commencement date, plus any initial direct costs incurred and an estimate of restoration costs, less any lease incentives received. Depreciation is charged to profit or loss on a straight-line method from the commencement date to the end of the lease term, unless the lease transfers ownership of the underlying asset to the Group by the end of the lease term or the cost of the right-of-use asset reflects that the Group will exercise a purchase option. In that case the right-of-use asset will be depreciated over the useful life of the underlying asset, which is determined on the same basis as those of property and equipment.

The lease liability is initially measured at the present value of all lease payments that shall be paid under the lease. The Group uses the Group's incremental borrowing rate to discount the lease payments to the present value. The Group determines its incremental borrowing rate by obtaining interest rates from various external financing sources and makes certain adjustments to reflect the terms of the lease and type of the asset leased.

The lease liability is measured at amortised cost using the effective interest method. It is remeasured when there is a lease modification or a change in the assessment of options specified in the lease. When the lease liability is remeasured, a corresponding adjustment is made to the carrying amount of the right-of-use asset or is recorded in profit or loss if the carrying amount of the right-of-use asset has been reduced to zero.

*As a lessor*

At inception or on modification of a contract, the Group allocates the consideration in the contract to each component on the basis of their relative stand-alone selling prices.

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The Group recognises lease payments received under operating leases in profit or loss on a straight-line basis over the lease term as part of other income. Initial direct costs incurred in arranging an operating lease are added to the carrying amount of the leased asset and recognised over the lease term on the same basis as rental income. Contingent rents are recognised as other income in the accounting period in which they are earned.

The Group estimates lifetime ECLs, using a provision matrix to find ECLs rate. This method groups the lease receivables based on shared credit risk characteristics and past due status, taking into account historical credit loss data, adjusted for factors that are specific to the debtors and an assessment of both current economic conditions and forward-looking general economic conditions at the reporting date. The Group derecognises the lease receivables as disclosed in note 4(d).

**(p) *Impairment of non-financial assets***

The carrying amounts of the Group's assets are reviewed at each reporting date to determine whether there is any indication of impairment. If any such indication exists, the assets' recoverable amounts are estimated. For goodwill and intangible assets that have indefinite useful lives or are not yet available for use, the recoverable amount is estimated each year at the same time.

An impairment loss is recognised in profit or loss if the carrying amount of an asset or its cash-generating unit exceeds its recoverable amount, unless it reverses a previous revaluation credited to equity, in which case it is charged to equity.

*Calculation of recoverable amount*

The recoverable amount is the greater of the asset's value in use and fair value less costs to sell. 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. For an asset that does not generate cash inflows largely independent of those from other assets, the recoverable amount is determined for the cash-generating unit to which the asset belongs.

*Reversal of impairment*

Impairment loss of assets recognised in prior periods is reversed if there has been a change in the estimates used to determine the recoverable amount. An impairment loss in respect of goodwill is not reversed. An impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortisation, if no impairment loss had been recognised.

**(q) *Contract liabilities***

A contract liability is the obligation to transfer goods or services to the customer. A contract liability is recognised when the Group receives or has an unconditional right to receive non-refundable consideration from the customer before the Group recognises the related revenue.

**(r) *Employee benefits***

*Post-employment benefit - defined contribution plans*

Obligations for contributions to the Group's provident funds are recognised in profit or loss in the periods during which services are rendered by employees.



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*Post-employment benefit - defined benefit plans*

The Group's net obligation in respect of defined benefit plans are calculated by using actuarial techniques and separately for each plan by estimating the amount of future benefit that employees have earned in return for their service in the current and prior periods; that benefit is discounted by using the projected unit credit method to determine the present value of the defined benefit obligation and the current service cost.

The Group recognises all actuarial gains and losses arising from defined benefit plans in other comprehensive income and all expenses related to defined benefit plans in profit or loss.

When the benefits of a plan are changed, the resulting change in benefit that relates to past service is recognised immediately in profit or loss. The Group recognises gains and losses on the settlement of a defined benefit plan when the settlement occurs.

*Termination benefits*

Termination benefits are expensed in profit or loss at the earlier of:

- (1) When the Group can no longer withdraw the offer of those benefits or
- (2) When the Group recognises costs for a restructuring

If benefits are not expected to be settled wholly within 12 months of the end of the reporting period, then they are discounted.

*Short-term employee benefits*

Short-term employee benefit obligations are recognised in profit or loss in the periods during which services are rendered by employees.

A liability is recognised for the amount expected to be paid if the Group has a present legal or constructive obligation to pay this amount as a result of past service provided by the employee, and the obligation can be estimated reliably.

**(s) Provisions**

A provision is recognised when the Group has a present legal or constructive obligation as a result of a past event, and it is probable that an outflow of economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation. If the effect is material, provisions are determined by discounting the expected future cash flows at a pre-tax rate that reflects current market assessments of the time value of money and, where appropriate, the risks specific to the liability.

**(t) Treasury shares**

Treasury shares are the Company's ordinary shares held by subsidiaries and recorded at fair value at the acquisition date. They are recognised at fair value and deducted in the equity in the consolidated financial statements. When the ordinary shares held by the subsidiaries are disposed, the Company will recognise the gain net of tax from the disposal as surplus and net losses of tax are debited to retained earnings after setting off against any remaining balance of surplus.

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**(u) Fair values Measurement**

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 in the principal or, in its absence, the most advantageous market to which the Group has access at that date. The fair value of a liability reflects its non-performance risk.

When measuring the fair value of an asset or a liability, the Group uses observable market data as far as possible. Fair values are categorised into different levels in a fair value hierarchy based on the inputs used in the valuation techniques as follows:

- Level 1: quoted prices in active markets for identical assets or liabilities.
- Level 2: inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly (i.e. as prices) or indirectly.
- Level 3: inputs for the asset or liability that are based on unobservable inputs.

The Group recognises transfers between levels of the fair value hierarchy at the end of the reporting period during which the change has occurred. If an asset or a liability measured at fair value has a bid price and an ask price, then the Group measures assets and asset positions at a bid price and liabilities and liability positions at an ask price.

The best evidence of the fair value of a financial instrument on initial recognition is normally the transaction price - i.e. the fair value of the consideration given or received. If the Group determines that the fair value on initial recognition differs from the transaction price, the financial instrument is initially measured at fair value adjusted for the difference between the fair value on initial recognition and the transaction price and the difference is recognised in profit or loss immediately. However, for the fair value categorised as level 3, such difference is deferred and will be recognised in profit or loss on an appropriate basis over the life of the instrument or until the fair value level is transferred or the transaction is closed out.

**(v) Revenue**

Revenue is recognised when a customer obtains control of the goods in an amount that reflects the consideration to the Group expects to be entitled, excluding those amounts collected on behalf of third parties, value added tax and is after deduction of any trade discounts.

*Sale of goods*

Revenue from sales of goods is recognised when a customer obtains control of the goods, generally on delivery of the goods to the customers. For contracts that permit the customers to return the goods, revenue is recognised to the extent that it is highly probable that a significant reversal in the amount of cumulative revenue recognised will not occur. Therefore the amount of revenue recognised is adjusted for estimated returns, which are estimated based on the historical data.

*Dividend income*

Dividend income is recognised in profit or loss on the date the Group's right to receive payments is established.

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*Other income*

Revenue for rendering of services is recognised over time as the services are provided. The related costs are recognised in profit or loss when they are incurred.

Rental income from operating lease contracts is recognised in profit or loss on a straight line basis over the term of the lease.

Other operating income is recognised in profit or loss on the accrual basis.

**(w) *Income tax***

Income tax expense for the year comprises current and deferred tax, which is recognised in profit or loss except to the income tax of business combination or the extent that it relates to items recognised directly in equity or other comprehensive income.

*Current tax*

Current tax is recognised in respect of the taxable income for the year, using tax rates enacted at the reporting date and applicable to the reporting period, and any adjustment to tax payable in respect of previous years.

*Deferred tax*

Deferred tax is recognised, using the balance sheet liability method, in respect of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes. Temporary differences are not recognised for goodwill which is not deductible for tax purposes, the initial recognition of assets or liabilities that affect neither accounting nor taxable profit and the temporary differences associated with investment in subsidiaries, associates and joint ventures that is probable that it will not reverse in the foreseeable future.

The measurement of deferred tax reflects the tax consequences that would follow the manner in which the Group expects, at the reporting date, to recover or settle the carrying amount of its assets and liabilities, using tax rates enacted or substantively enacted at the reporting date. Current deferred tax assets and liabilities are offset in separate financial statements.

A deferred tax asset is recognised to the extent that it is probable that future taxable profits will be available against which the temporary differences can be utilised. Deferred tax assets are reviewed at each reporting date and reduced to the extent that it is no longer probable that the related tax benefit will be realised.

**(x) *Earnings per share***

The Group presents basic and diluted earnings per share ("EPS") data for its ordinary shares. Basic EPS is calculated from the profit or loss attributable to ordinary shareholders of the Company less cumulative interest expense (net of income tax) on subordinated perpetual debentures and divided by the weighted average number of ordinary shares held by third parties outstanding during year. Diluted EPS is calculated by dividing the profit or loss attributable to ordinary shareholders of the Company by the weighted average number of ordinary shares held by third parties, for the effects of all diluted potential ordinary shares, which comprise convertible bonds.

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**(y) Segment reporting**

Segment results that are reported to the Group's management (the chief operating decision maker) include items directly attributable to a segment as well as those that can be allocated on a reasonable basis.

**5 Related party transactions**

Related parties are those parties considered to be related to the Group. Related parties have the ability, directly or indirectly, to control the Group or exercise significant influence over the Group in making financial and operating decisions or where the Group and parties are subject to common control or common significant influence.

The entity which holds significant influence over the Company is Charoen Pokphand Group Company Limited which directly and indirectly owned 45.89% of the Company's voting rights as of the latest closing date of shareholder register book on 31 August 2022.

**5.1 Significant transactions with related parties for the years ended 31 December**

		<i>(Unit: Million Baht)</i>			
		<b>Consolidated</b>		<b>Separate</b>	
		<b>financial statements</b>		<b>financial statements</b>	
		<b>2022</b>	<b>2021</b>	<b>2022</b>	<b>2021</b>
<b>(a) Income</b>					
<b>Significant influence entity</b>					
Sale of goods		5	1	-	-
Software application income		2	1	-	-
Training and seminar income		1	-	-	-
<b>Subsidiaries</b>					
Dividend income		-	-	19,599	5,587
Gain on sale of investments		-	-	8,478	266
Sale of goods		-	-	5,459	5,907
Interest income		-	-	697	864
Rental, service and other income		-	-	169	126
Gain on sale of fixed assets		-	-	1	3
<b>Associates, joint ventures and related companies</b>					
Sale of goods		69,140	49,475	2,741	1,531
Rental, service and other income		362	412	42	15
Software application income		158	236	-	-
Interest income		109	48	-	-
Dividend income		60	64	6	86
Training and seminar income		11	8	-	-

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				<i>(Unit: Million Baht)</i>	
		<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
		<u>2022</u>	<u>2021</u>	<u>2022</u>	<u>2021</u>
<b>(b)</b>	<b>Expenses and others</b>				
	<b>Significant influence entity</b>				
	Purchase of raw materials and goods	12,143	11,023	2,699	2,402
	Trademark license fees	4,903	4,304	336	310
	Technical service fees	120	103	-	-
	<b>Subsidiaries</b>				
	Purchase of raw materials and goods	-	-	1,609	1,762
	Interest expense	-	-	402	78
	Software application fees	-	-	178	178
	Cost of right-of-use assets	-	-	91	54
	Training and seminar fees	-	-	24	18
	Construction costs of buildings, structures and others	-	-	10	-
	Rental and service fees	-	-	4	8
	Other expenses	-	-	39	58
	<b>Associates, joint ventures and related companies</b>				
	Purchase of raw materials and goods	58,241	46,345	1,207	1,025
	Construction costs of buildings, structures and others	2,680	2,427	49	42
	Cost of right-of-use assets	847	674	231	69
	Rental and service fees	775	855	76	76
	Software application fees	316	213	-	-
	Training and seminar fees	267	208	13	6
	Purchase of equipment and others	222	247	25	35
	Trademark license fees	186	247	-	-
	Interest expense	89	44	-	-
	Loss on sale of fixed assets	-	52	-	-
	Other expenses	3,733	2,146	118	116

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**5.2 Balances with related parties as at 31 December were as follows:**

**5.2.1 Accounts receivable - trade and others**

	<b>Consolidated financial statements</b>		<i>(Unit: Million Baht)</i> <b>Separate financial statements</b>	
	2022	2021	2022	2021
Significant influence entity	3	2	-	-
Subsidiaries	-	-	616	671
Associates and joint ventures	8,654	7,258	60	61
Related companies	5,632	5,035	1,345	1,174
<b>Total</b>	<b>14,289</b>	<b>12,295</b>	<b>2,021</b>	<b>1,906</b>

**5.2.2 Short-term loans to related parties**

	<i>(Unit: Million Baht)</i> <b>Separate financial statements</b>			
	Outstanding balance	Average balance	2022	2021
	2022	2021	2022	2021
Subsidiaries	8,020	6,876	6,934	13,280
<b>Total</b>	<b>8,020</b>	<b>6,876</b>	<b>6,934</b>	<b>13,280</b>

**5.2.3 Advance payments for purchase of goods**

	<i>(Unit: Million Baht)</i> <b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2022	2021	2022	2021
Associates and joint ventures	53	65	-	-
Related companies	2,706	2,344	-	-
<b>Total</b>	<b>2,759</b>	<b>2,409</b>	<b>-</b>	<b>-</b>

**5.2.4 Accrued dividend income**

	<i>(Unit: Million Baht)</i> <b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2022	2021	2022	2021
Associates	157	172	-	-
<b>Total</b>	<b>157</b>	<b>172</b>	<b>-</b>	<b>-</b>

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**5.2.5 Long-term loans to related parties**

	(Unit: Million Baht)			
	<b>Consolidated financial statements</b>			
	Outstanding balance		Average balance	
	2022	2021	2022	2021
Associates	-	49	4	49
Less current portion	-	(12)	-	-
<b>Net</b>	<b>-</b>	<b>37</b>	<b>4</b>	<b>49</b>

  

	(Unit: Million Baht)			
	<b>Separate financial statements</b>			
	Outstanding balance		Average balance	
	2022	2021	2022	2021
Subsidiary	3,758	570	6,672	570
Less current portion	(540)	-	-	-
<b>Total</b>	<b>3,218</b>	<b>570</b>	<b>6,672</b>	<b>570</b>

As at 31 December 2022, the loans bear interest at 4.60% to 5.91% per annum (2021: 2.81% to 5.88% per annum). The Group and the Company compute the average balance from the outstanding balances of the loans at the end of each month excluding accrued interest income.

**5.2.6 Accounts payable - trade and others**

	(Unit: Million Baht)			
	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2022	2021	2022	2021
Significant influence entity	362	435	7	79
Subsidiaries	-	-	96	72
Associates and joint ventures	8,393	7,565	7	6
Related companies	10,905	6,663	62	108
<b>Total</b>	<b>19,660</b>	<b>14,663</b>	<b>172</b>	<b>265</b>

**5.2.7 Short-term borrowings from related parties**

	(Unit: Million Baht)			
	<b>Consolidated financial statements</b>			
	Outstanding balance		Average balance	
	2022	2021	2022	2021
Associates and joint ventures	1,104	837	1,002	779
Related companies	890	619	872	360
<b>Total</b>	<b>1,994</b>	<b>1,456</b>	<b>1,874</b>	<b>1,139</b>

  

	(Unit: Million Baht)			
	<b>Separate financial statements</b>			
	Outstanding balance		Average balance	
	2022	2021	2022	2021
Subsidiaries	11,170	-	11,056	1,315
<b>Total</b>	<b>11,170</b>	<b>-</b>	<b>11,056</b>	<b>1,315</b>

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As at 31 December 2022, the borrowings bear interest at 3.75% to 4.88% per annum (2021: 4.02% to 5.27% per annum). The Group and the Company compute the average balance from the outstanding balances of the borrowings at the end of each month excluding accrued interest expense.

**5.2.8 Lease liabilities**

	<b>Consolidated</b>		<i>(Unit: Million Baht)</i> <b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2022	2021	2022	2021
Subsidiary	-	-	87	54
Associates	536	578	-	-
Related companies	2,687	2,747	311	200
<b>Total</b>	<b>3,223</b>	<b>3,325</b>	<b>398</b>	<b>254</b>

**5.3 Key management personnel compensation**

Key management personnel compensation consists of:

	<b>Consolidated</b>		<i>(Unit: Million Baht)</i> <b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2022	2021	2022	2021
<i><b>For the year ended 31 December</b></i>				
Short-term employee benefits	1,808	1,868	224	249
Post-employment under defined benefit plans	20	25	5	5
<b>Total</b>	<b>1,828</b>	<b>1,893</b>	<b>229</b>	<b>254</b>
<i><b>As at 31 December</b></i>				
Provisions for employee benefits	567	615	109	98
<b>Total</b>	<b>567</b>	<b>615</b>	<b>109</b>	<b>98</b>

**5.4 Commitments**

As at 31 December, the Group had commitments with related parties as follows:

**Capital commitments**

	<b>Consolidated</b>		<i>(Unit: Million Baht)</i> <b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2022	2021	2022	2021
<i>Contracted but not provided for</i>				
Mainly represents contracts for construction of buildings and structures, and purchase of machinery and others	838	905	5	2



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**5.5 Significant agreements**

As at 31 December 2022, the Group had the following significant agreements with related parties:

**5.5.1 Technical service agreement**

Certain foreign subsidiaries have a technical service agreement with a significant influence entity, Charoen Pokphand Group Company Limited (“CPG”) for the right to obtain technical service as stipulated in the agreement. In this regard, the foreign subsidiaries are committed to pay service fees to CPG in accordance with the terms, conditions and rates as stipulated in the agreement.

**5.5.2 Trademark agreements**

The Company and certain subsidiaries have trademark agreements with CPG, for the right to use trademarks as stipulated in the agreements. In this regard, the Company and subsidiaries are committed to pay trademark license fees to CPG in accordance with the terms, conditions and rates as stipulated in the agreements.

**5.5.3 Application system service agreement**

A subsidiary had an application system service agreement with a related company, Freewill Solutions Co., Ltd. (“Freewill”) as stipulated in the agreement. Under the terms of the agreement, Freewill agrees to provide the subsidiary the application system service. In this regard, the subsidiary is committed to pay the application system service fee to Freewill in accordance with the terms, conditions and rates as stipulated in the agreement.

**5.5.4 Service agreements for import and export transactions**

The Company and certain subsidiaries have service agreements with a related company, C.P. Intertrade Co., Ltd. (“CPI”) as stipulated in the agreements. Under the terms of the agreements, CPI agrees to provide documentation services and others relating to import and export transactions of the Company and subsidiaries. In this regard, the Company and subsidiaries are committed to pay the service fees to CPI in accordance with the terms, conditions and rates as stipulated in the agreements.

**5.5.5 Software application agreements**

A subsidiary (CPF IT Center Co., Ltd.) has information technology service and software application agreements with local and foreign related companies. The terms and the service fees are stipulated in the agreements. The agreements may be terminated upon either party agreeing to terminate the agreements or either party being in breach of the agreements.

**5.5.6 Agreements for share service**

The Company has share service agreements with certain subsidiaries to provide services as stipulated in the agreements such as services related to policy and accounting principles, compliance, legal and financial management and financing. In this regard, the subsidiaries are committed to pay the service fees to the Company in accordance with the terms, conditions and rates as stipulated in the agreements.

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**6 Cash and cash equivalents**

	<b>Consolidated financial statements</b>		<i>(Unit: Million Baht)</i>	
			<b>Separate financial statements</b>	
	2022	2021	2022	2021
Cash at financial institutions and on hand	26,834	30,040	1,902	2,679
Highly liquid short-term investments	6,116	6,646	-	-
<b>Total</b>	<b>32,950</b>	<b>36,686</b>	<b>1,902</b>	<b>2,679</b>

**7 Inventories**

	<b>Consolidated financial statements</b>		<i>(Unit: Million Baht)</i>	
			<b>Separate financial statements</b>	
	2022	2021	2022	2021
Raw materials	44,278	40,765	1,516	1,525
Chemicals and supplies	3,999	3,662	174	186
Work in progress	2,173	2,841	201	289
Finished goods	24,761	18,841	972	759
Inventories in transit	8,950	8,438	11	42
<b>Total</b>	<b>84,161</b>	<b>74,547</b>	<b>2,874</b>	<b>2,801</b>
<i>Less allowance for decline in value of inventories</i>	<i>(1,081)</i>	<i>(1,116)</i>	<i>(13)</i>	<i>(17)</i>
<b>Net</b>	<b>83,080</b>	<b>73,431</b>	<b>2,861</b>	<b>2,784</b>

The cost of inventories which is recognised as an expense and included in cost of sale of goods for the year ended 31 December 2022 in the consolidated and the separate statement of income amounting Baht 393,211 million and Baht 19,101 million, respectively (2021: Baht 330,559 million and Baht 17,104 million, respectively).

In 2022, the Group and the Company recognised a reversal of allowance for a decline in value of inventories of Baht 35 million and Baht 4 million, respectively (2021: The Group and the Company recognised losses for a decline in value of inventories of Baht 382 million and a reversal of allowance for a decline in value of inventories of Baht 28 million, respectively).

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**8 Biological assets**

Movements during the years ended 31 December were as follows:

	<b>Consolidated</b>		<i>(Unit: Million Baht)</i>	
	<b>financial statements</b>		<b>Separate</b>	
	<b>2022</b>	<b>2021</b>	<b>2022</b>	<b>2021</b>
At 1 January	57,913	47,456	789	985
Acquired through business combination	70	1,801	-	-
Increase due to purchase/raise	197,742	168,429	6,889	7,514
Decrease due to sale/harvest	(182,914)	(153,997)	(6,413)	(7,435)
Depreciation	(7,388)	(6,492)	(104)	(106)
Gains (losses) on change in fair value				
less costs to sell	1,411	(2,381)	-	-
Currency translation differences	113	3,413	-	-
Others	(172)	(316)	(235)	(169)
<b>Balance at 31 December</b>	<b>66,775</b>	<b>57,913</b>	<b>926</b>	<b>789</b>
<b>Current</b>				
Livestock	52,697	46,059	-	-
Aquatic	1,842	1,896	926	789
<b>Total current</b>	<b>54,539</b>	<b>47,955</b>	<b>926</b>	<b>789</b>
<b>Non-current</b>				
Livestock	12,236	9,958	-	-
<b>Total non-current</b>	<b>12,236</b>	<b>9,958</b>	<b>-</b>	<b>-</b>
<b>Total</b>	<b>66,775</b>	<b>57,913</b>	<b>926</b>	<b>789</b>

Biological assets comprise livestock biological assets such as swine, chicken, duck etc. and aquatic biological assets such as shrimp and fish. Biological assets are measured at fair value using quoted prices at the end of reporting period as references. Except certain types of biological assets which have short production cycle or the market prices at present condition of the biological assets are unavailable; and valuation based on a discounted cash flow method is considered unreliable given the uncertainty with respect to external factors such as climate, weather, disease etc., they are measured at cost less accumulated depreciation and impairment losses.

Cost includes all costs incurred from the acquisition of biological assets and throughout the growth cycle such as cost of new-born animals, feed costs, and other costs.

Bearer biological assets, for example breeders, are depreciated using the straight line method over the productive period or the units of production method which ranges approximately from 4 months to 36 months depending on the type of biological assets.

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An analysis of the estimates of physical quantities of the Group's biological assets as at 31 December is as follows:

	(Unit: Tons)			
	Consolidated		Separate	
	financial statements		financial statements	
	2022	2021	2022	2021
Livestock	1,036,471	987,624	-	-
Aquatic	15,832	25,291	4,007	3,945

The estimates of physical quantities of biological assets were based on experience and historical data. The Group estimates the physical quantities of aquatic biological assets using a sampling method to project the overall weight.

**Fair value measurement**

The fair value of biological assets including carrying amount in the consolidated financial statements are as follows:

	Carrying amount	(Unit: Million Baht)			
		Consolidated financial statements			
		Fair value			
		Level 1	Level 2	Level 3	Total
<b>31 December 2022</b>					
Biological assets at fair value					
less costs to sell	17,057	-	10,343	6,714	17,057
<b>31 December 2021</b>					
Biological assets at fair value					
less costs to sell	13,130	-	6,802	6,328	13,130

The valuation technique and the inputs used in measuring the fair value of those biological assets categorised in Level 2 is market comparison approach which use quoted prices based on market prices at the reporting date.

The following table shows the valuation technique used in measuring the fair value of biological assets, as well as the significant unobservable inputs used for those categorised in Level 3.

Valuation technique	Significant unobservable inputs	Inter-relationship between key unobservable inputs and fair value measurement
Market comparison approach	<p>Reference market price as at 31 December 2022</p> <ul style="list-style-type: none"> <li>Suckling swine Baht 2,490 per head</li> <li>Weanling swine Baht 2,490 per head</li> <li>Fattening swine Baht 83 to Baht 84 per kilogram</li> <li>Sow Baht 14,546 to Baht 20,237 per head</li> </ul>	<p>On the reporting date, if market price increases/decreases by 10%, the estimated fair value of biological assets would have increased/decreased by Baht 2,018 million.</p>

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The fair value of biological assets is performed by the Group's relevant finance department and operations team using a series of systematic procedures. The fair value measurements are categorised into each hierarchy based on inputs of swine market in each country as reference. The fair value of swine is determined based on market price per head or weight of swine.

**9 Investments in subsidiaries**

Movements during the years ended 31 December were as follows:

	<b>Consolidated</b>		<i>(Unit: Million Baht)</i> <b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2022	2021	2022	2021
At 1 January	-	-	228,979	227,368
Acquisitions/additional investments	-	-	23,022	1,645
Disposals	-	-	(3,600)	(34)
Impairment losses	-	-	(7,172)	-
<b>At 31 December</b>	<b>-</b>	<b>-</b>	<b>241,229</b>	<b>228,979</b>

During the year 2022

- (a) The Company increased share capital in C.P. Foods International Limited, a 100.00% directly owned subsidiary of the Company, for 213,600,000 shares amounting to Baht 7,171 million by offsetting the consideration of the shares with dividend income from CPF Investment Limited ("CPF").
- (b) The Company entered into agreements to acquire 49,267,115 ordinary shares of Charoen Pokphand Enterprise (Taiwan) Co., Ltd. ("CPE") from CPFI amounting to US Dollar 135 million or equivalent to Baht 4,815 million, 10,000,000 ordinary shares of Ta Chung Investment Co., Ltd. ("Ta Chung") amounting to US Dollar 34 million or equivalent to Baht 1,222 million, and 5,000,000 ordinary shares of Chun Ta Investment Co., Ltd. ("Chun Ta") amounting to US Dollar 42 million or equivalent to Baht 1,473 million by offsetting the consideration of the shares with dividend income from CPFI totalling US Dollar 211 million or equivalent to Baht 7,510 million.
- (c) The Company increased share capital in CPF Poland S.A. ("CPF Poland"), a 66.67% directly owned subsidiary of the Company, for 86,440 shares by cash payment of Zloty 22 million or equivalent to Baht 161 million and by offsetting the consideration of the shares with short-term loan to CPF Poland amounting to Zloty 23 million or equivalent to Baht 187 million. In this regard, the registration was not yet completed, the Company recognised this transaction as other non-current assets as at 31 December 2022.
- (d) The Company completed the registration of share capital in CPF Poland, for the increased share capital in 2021, for 28,000 shares amounting to Zloty 14 million or equivalent to Baht 123 million, and the Company classified this transaction from other non-current assets to investment in subsidiaries.
- (e) The Company increased share capital in Bellisio Investment, LLC, a 100.00% directly owned subsidiary of the Company, for 155,500 shares amounting to US Dollar 156 million or equivalent to Baht 5,285 million.

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- (f) The Company increased share capital in CPF Netherlands B.V., a 99.99% directly owned subsidiary of the Company, for 62,000,000 shares amounting to US Dollar 62 million or equivalent to Baht 2,232 million.
- (g) The Company increased share capital in CPF Investment Limited, a 100.00% directly owned subsidiary of the Company, for 15,114,285 shares amounting to US Dollar 15 million or equivalent to Baht 522 million.
- (h) The Company increased share capital in Homegrown Shrimp (USA), LLC, a 100.00% directly owned subsidiary of the Company, for 5,000,000 shares amounting to US Dollar 5 million or equivalent to Baht 179 million.
- (i) The Company partially sold its interest in 360,000,000 ordinary shares of CPM with the carrying amount in the separate financial statements of Baht 3,600 million to CPF (Thailand) Public Company Limited (“CPFTH”). CPFTH offset the consideration of the shares by making an agreement with CPM to repay a loan from CPFTH of Baht 12,078 million to the Company. Such amount was recognised as loan to related party in the separate financial statements. In this regard, the Company recognised gains on sale of investments (net transaction costs) of Baht 8,466 million. As a result, the Company’s ownership interest in CPM decreased from 87.54% to 79.46%. Subsequently, CPM issued new ordinary shares to CPM’s shareholders in proportion to their existing holdings. However, the Company renounced the shares offered, as a result, the Company’s ownership interest in CPM decreased from 79.46% to 68.21%.
- (j) During the year 2022, the Group has completed the fair value assessment of the net assets acquired from the acquisition of swine business in Russia by RBPI Voronezh LLC, a 75.82% indirectly owned subsidiary of the Company from Tönnies Russland Agrar GmbH, RKS Agrarbeteiligungs GmbH and Tönnies Holding ApS & Co. KG in quarter 4 of 2021 and has concluded that the fair value has not changed materially from the assessed and recognised amount as at 31 December 2021.

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*Details of investments in subsidiaries*

Investments in subsidiaries as at 31 December for the years then ended were as follows:

(Unit: Million Baht)

	Separate financial statements							
	Ownership interest (%)		Cost method		Accumulated impairment		At cost - net	
	2022	2021	2022	2021	2022	2021	2022	2021
<i>Marketable securities</i>								
Chia Tai Enterprises International Limited	4.98	4.98	500	500	-	-	500	500
<b>Total</b>			<b>500</b>	<b>500</b>	<b>-</b>	<b>-</b>	<b>500</b>	<b>500</b>
<i>Non-marketable securities</i>								
Bangkok Produce Merchandising Public Company Limited	99.44	99.44	1,230	1,230	-	-	1,230	1,230
CPF (Thailand) Public Company Limited	99.99	99.99	48,510	48,510	-	-	48,510	48,510
CPF Training Center Co., Ltd.	99.99	99.99	20	20	-	-	20	20
CPF IT Center Co., Ltd.	99.99	99.99	250	250	-	-	250	250
C.P. Merchandising Co., Ltd.	68.21	87.54	35,400	38,999	-	-	35,400	38,999
CPF Food Research & Development Center Co., Ltd.	99.99	99.99	500	500	-	-	500	500
Bellisio Investment, LLC	100.00	100.00	42,357	37,072	-	-	42,357	37,072
C.P. Aquaculture (India) Private Limited	62.50	62.50	1,217	1,217	-	-	1,217	1,217
C.P. Aquaculture (Hainan) Co., Ltd.	100.00	100.00	126	126	-	-	126	126
C.P. Foods Holdings Limited	-	100.00	-	1	-	-	-	1
C.P. Foods International Limited	100.00	100.00	7,172	1	(7,172)	-	-	1
C.P. Pokphand Co., Ltd.	4.98	4.98	4,691	4,691	-	-	4,691	4,691
CP Foods Capital Limited	100.00	100.00	1	1	-	-	1	1
Charoen Pokphand Enterprise (Taiwan) Co., Ltd.	18.38	-	4,815	-	-	-	4,815	-
Charoen Pokphand Foods Kenya Co., Ltd.	99.99	99.99	8	8	(8)	(8)	-	-
Charoen Pokphand Foods (Overseas) LLC	4.15	8.15	1,394	1,394	(1,141)	(1,141)	253	253
Charoen Pokphand Foods Philippines Corporation	23.81	23.81	1,055	1,055	-	-	1,055	1,055

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*Details of investments in subsidiaries (Continued)*

(Unit: Million Baht)

	Separate financial statements							
	Ownership interest		Cost method		Accumulated		At cost - net	
	(%)	impairment						
	2022	2021	2022	2021	2022	2021	2022	2021
Chun Ta Investment Co., Ltd.	100.00	-	1,473	-	-	-	1,473	-
CPF Investment Limited	100.00	100.00	56,166	55,644	-	-	56,166	55,644
CPF Tanzania Limited	58.26	58.26	129	129	(129)	(129)	-	-
CPF Netherlands B.V.	99.99	99.99	40,380	38,148	-	-	40,380	38,148
CPF Poland S.A.	66.67	66.67	368	245	-	-	368	245
Homegrown Shrimp (USA) LLC	100.00	100.00	695	516	-	-	695	516
Ta Chung Investment Co., Ltd.	100.00	-	1,222	-	-	-	1,222	-
<b>Total</b>			<b>249,179</b>	<b>229,757</b>	<b>(8,450)</b>	<b>(1,278)</b>	<b>240,729</b>	<b>228,479</b>
<b>Grand Total</b>			<b>249,679</b>	<b>230,257</b>	<b>(8,450)</b>	<b>(1,278)</b>	<b>241,229</b>	<b>228,979</b>



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**10 Non-controlling interests**

Summaries of financial information relating to each of the Group's subsidiaries that has material non-controlling interests, before any intra-group eliminations as at 31 December were as follows:

*(Unit: Million Baht)*

	C.P. Pokphand Co., Ltd. and its subsidiaries		Chia Tai Enterprises International Limited and its subsidiaries		Charoen Pokphand Enterprise (Taiwan) Co., Ltd. and its subsidiaries	
	2022	2021	2022	2021	2022	2021
Non-controlling interests percentage*	23.76	47.75	49.57	49.57	61.00	61.00
Current assets	71,510	64,617	4,477	4,138	9,835	8,356
Non-current assets	168,812	158,336	8,919	9,262	23,199	22,891
Current liabilities	(72,933)	(52,270)	(2,677)	(1,957)	(10,020)	(8,404)
Non-current liabilities	(39,171)	(45,152)	(903)	(1,058)	(9,019)	(9,051)
Net assets	128,218	125,531	9,816	10,385	13,995	13,792
Goodwill of non-controlling interests	2,634	5,085	-	-	-	-
<b>Carrying amount of non-controlling interests**</b>	<b>28,443</b>	<b>57,403</b>	<b>3,596</b>	<b>3,742</b>	<b>8,021</b>	<b>7,842</b>

\* The non-controlling interests percentage of sub-group represents only direct holding on the respective intermediate subsidiary, whereas, many indirect subsidiaries are not wholly-owned by the intermediate subsidiary with various percentages of ownership interests.

\*\* The carrying amount of non-controlling interests of sub-group are derived from the above various percentages of ownership interests of indirect subsidiaries.

**Charoen Pokphand Foods Public Company Limited  
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**For the year ended 31 December 2022**

Summaries of financial information relating to each of the Group's subsidiaries that has material non-controlling interests, before any intra-group eliminations for the year ended 31 December were as follows:

	<i>(Unit: Million Baht)</i>					
	C.P. Pokphand Co., Ltd. and its subsidiaries		Chia Tai Enterprises International Limited and its subsidiaries		Charoen Pokphand Enterprise (Taiwan) Co., Ltd. and its subsidiaries	
	2022	2021	2022	2021	2022	2021
Revenue	163,798	143,524	5,577	5,267	34,180	28,645
Profit (loss) for the year	(603)	(1,347)	(101)	851	1,822	1,510
Other comprehensive income (expense)	(5,318)	16,085	(234)	1,021	(515)	734
Total comprehensive income	(5,921)	14,738	(335)	1,872	1,307	2,244
<b>Profit (loss) attributable to non-controlling interests</b>	<b>(868)</b>	<b>(546)</b>	<b>79</b>	<b>444</b>	<b>1,114</b>	<b>903</b>
<b>Other comprehensive income (expense) attributable to non-controlling interests</b>	<b>(7,657)</b>	<b>6,529</b>	<b>183</b>	<b>401</b>	<b>(315)</b>	<b>439</b>
Cash flows from operating activities	4,290	1,249	154	(350)	1,598	845
Cash flows from investing activities	(6,990)	(3,942)	(517)	(340)	(2,460)	(3,877)
Cash flows from financing activities	5,466	(10,520)	377	644	1,003	2,961
Effect of exchange rate changes on balances held in foreign currencies	(84)	99	(22)	7	2	(2)
Net increase (decrease) in cash and cash equivalents	2,682	(13,114)	(8)	(39)	143	(73)
<b>Dividend paid to non-controlling interests</b>	<b>-</b>	<b>4,973</b>	<b>(199)</b>	<b>-</b>	<b>(593)</b>	<b>849</b>

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**Acquisition of non-controlling interests**

**C.P. Pokphand Co., Ltd. (“CPP”)**

As the withdrawal of listing of CPP’s ordinary shares from the Stock Exchange of Hong Kong Limited was approved by CPP’s shareholders, on 25 January 2022, CPF Investment Limited (“CPFI”), a wholly-owned subsidiary of the Company, paid for the cancelled ordinary shares of CPP for 6,079,356,827 shares which equal to 25.26% totalling HK Dollar 6,992 million or equivalent to Baht 29,789 million sourcing from the internal cash resources and borrowing from financial institution. As a result, the Group’s ownership interest in CPP increased from 52.25% to 76.24%.

	<i>(Unit: Million Baht)</i>
	<b>Consolidated</b>
	<b>financial statements</b>
Carrying amount of non-controlling interests acquired	29,129
Consideration transferred	29,789
<b>A decrease in equity attributable to equity holders of the Company</b>	<b>(660)</b>

	<i>(Unit: Million Baht)</i>
	<b>Consolidated</b>
	<b>financial statements</b>
<b>A decrease in equity attributable to equity holders of the Company</b>	
<b>comprised:</b>	
Surplus from change in shareholders’ equity in subsidiary	(978)
Loss on revaluation of assets	(80)
Loss on cash flow hedges	(3)
Foreign currency translation differences	401
<b>Total</b>	<b>(660)</b>

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**11 Investments in associates**

Movements during the years ended 31 December were as follows:

	<b>Consolidated</b>		<i>(Unit: Million Baht)</i> <b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	<b>2022</b>	<b>2021</b>	<b>2022</b>	<b>2021</b>
At 1 January	230,428	217,839	1,646	5,534
Acquisition/additional investments	6,167	55,130	-	-
Disposals	(2,933)	(54,875)	(1,486)	(3,712)
Share of profit	6,660	3,576	-	-
Share of other comprehensive income (expense)	(2,440)	5,921	-	-
Dividend income	(2,556)	(4,789)	-	-
Previously held interest in associate before status change to subsidiary	-	(1,076)		(176)
Changes in fair value of previously held interest in associate before status change to subsidiary	-	487	-	-
Gain from swap investment with shares	-	7,849	-	-
Others	15	366	-	-
<b>At 31 December</b>	<b>235,341</b>	<b>230,428</b>	<b>160</b>	<b>1,646</b>

The Group accounts for the investment in CP ALL Public Company Limited (“CPALL”) and Siam Makro Public Company Limited (“Makro”), which are listed companies in the Stock Exchange of Thailand, in the consolidated financial statements by the equity method. As at 31 December 2022, the fair value of the investments were Baht 209,047 million and Baht 37,209 million, respectively (2021: Baht 180,181 million and Baht 39,315 million, respectively).

During the year 2022, the Group partially sold its interest in CPALL with the carrying amount in the consolidated financial statements of Baht 2,933 million, and the Company sold its entire 0.28% interest in CPALL with the carrying amount in the separate financial statements of Baht 1,486 million. In this regard, the Group and the Company recognised gains on sale of investments of Baht 2,553 million and Baht 143 million, respectively. As at 31 December 2022, the Group holds 34.09% interest in CPALL.

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*Details of investments in associates*

Investments in associates as at 31 December for the years then ended were as follows:

(Unit: Million Baht)

Consolidated financial statements											
Country of operation	Ownership interest (both direct and indirect)		Cost method		Equity method		Accumulated impairment		At equity - net		
	(%)		2022	2021	2022	2021	2022	2021	2022	2021	
	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	
<i>Marketable securities</i>											
CP ALL Public Company Limited	Thailand	34.09	33.99	96,023	87,929	113,852	108,271	-	-	113,852	108,271
Siam Makro Public Company Limited *	Thailand	8.85	8.85	45,451	45,451	45,799	45,591	-	-	45,799	45,591
<b>Total</b>				<b>141,474</b>	<b>133,380</b>	<b>159,651</b>	<b>153,862</b>	<b>-</b>	<b>-</b>	<b>159,651</b>	<b>153,862</b>
<i>Non-marketable securities</i>											
Nava 84 Co., Ltd.	Thailand	25.00	25.00	160	160	159	172	-	-	159	172
Ross Breeders Siam Co., Ltd.	Thailand	49.99	49.99	35	35	165	153	-	-	165	153
Siam Rivea Co., Ltd.	Thailand	29.99	29.99	79	30	48	10	-	-	48	10
Arbor Acres Thailand Co., Ltd.	Thailand	49.98	49.98	2	2	220	240	-	-	220	240
A.P.P Enterprise INC.	Philippines	39.60	39.60	-	-	15	8	-	-	15	8
BHJ Kalino Food AB **	Sweden	15.08	15.08	24	24	32	29	-	-	32	29

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*Details of investments in associates (Continued)*

(Unit: Million Baht)

Consolidated financial statements											
	Country of operation	Ownership interest (both direct and indirect)		Paid-up		Equity method		Accumulated		At equity - net	
		( <i>%</i> )		share capital				impairment			
		2022	2021	2022	2021	2022	2021	2022	2021	2022	2021
Chia Tai Conti (Cixi) Investment Management Co., Ltd.	China	38.12	26.12	8	8	4	4	-	-	4	4
Chia Tai Investment Co., Ltd.	China	26.69	18.29	71,045	71,045	72,129	73,250	-	-	72,129	73,250
Cixi Zhuda Investment Centre Limited Partnership	China	34.69	23.77	4	4	4	4	-	-	4	4
Cloud Food System Joint Stock Company ***	Vietnam	19.40	-	119	-	115	-	-	-	115	-
Conti Chia Tai International Limited	China	38.12	26.12	1,052	1,052	929	916	-	-	929	916
Kamereo Company Limited	Singapore	10.40	-	67	-	61	-	-	-	61	-
Rosleko Sp. z o.o.	Poland	26.67	26.67	-	-	-	-	-	-	-	-
Sao Ta Foods Joint Stock Company	Vietnam	20.71	16.48	1,193	1,193	1,237	1,190	-	-	1,237	1,190
Zhan Jiang Deni Carburetor Co., Ltd. ****	China	14.12	14.12	424	424	572	590	-	-	572	590
<b>Total</b>				<b>74,212</b>	<b>73,977</b>	<b>75,690</b>	<b>76,566</b>	<b>-</b>	<b>-</b>	<b>75,690</b>	<b>76,566</b>
<b>Grand total</b>				<b>215,686</b>	<b>207,357</b>	<b>235,341</b>	<b>230,428</b>	<b>-</b>	<b>-</b>	<b>235,341</b>	<b>230,428</b>

## **Charoen Pokphand Foods Public Company Limited and its Subsidiaries**

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#### **For the year ended 31 December 2022**

\* Makro is an associate in which 8.85% of the total issued and paid share capital was held by CPM, a 99.99% directly and indirectly owned subsidiary. The Group exercises significant influence in Makro by having representatives in the board of directors and involving in setting the policy and making the significant decisions of Makro. The Group accounted its investment in Makro using the equity method in the consolidated financial statements.

\*\* BHJ Kalino Food AB (“BHJ”) is an associate in which 29.00% of the total issued and paid share capital was held by CPF Denmark A/S, a 51.99% indirectly owned subsidiary. In this regard, the Group accounted for its investment in BHJ using the equity method based on 15.08% shareholding in the consolidated financial statements.

\*\*\* Cloud Food System Joint Stock Company (“Cloud Food”) and Kamereo Company Limited (“Kamereo”) are associates in which 23.33% and 12.50% of the total issued and paid-up share capital was held by C.P. Vietnam Corporation, a 83.18% indirectly owned subsidiary. In this regard, the Group accounted for its investment in Cloud Food and Kamereo using the equity method based on 19.40% and 10.40% shareholdings in the consolidated financial statements, respectively.

\*\*\*\* Zhan Jiang Deni Carburetor Co., Ltd. (“Zhanjiang Deni”) is an associate in which 28.00% of the total issued and paid-up share capital was held by Chia Tai Enterprises International Limited, a 50.43% directly and indirectly owned subsidiary. In this regard, the Group accounted for its investment in Zhanjiang Deni using the equity method based on 14.12% shareholding in the consolidated financial statements.

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*Details of investments in associates (Continued)*

(Unit: Million Baht)

	Country of operation	Separate financial statements							
		Ownership interest (%)		Cost method		Accumulated impairment		At cost - net	
		2022	2021	2022	2021	2022	2021	2022	2021
<b>Marketable security</b>									
CP ALL Public Company Limited	Thailand	-	0.28	-	1,486	-	-	-	1,486
<b>Total</b>				<b>-</b>	<b>1,486</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,486</b>
<b>Non-marketable securities</b>									
Nava 84 Co., Ltd.	Thailand	25.00	25.00	160	160	-	-	160	160
Lotus Distribution International Company Limited	British Virgin Islands	20.50	20.50	1	1	(1)	(1)	-	-
<b>Total</b>				<b>161</b>	<b>161</b>	<b>(1)</b>	<b>(1)</b>	<b>160</b>	<b>160</b>
<b>Grand Total</b>				<b>161</b>	<b>1,647</b>	<b>(1)</b>	<b>(1)</b>	<b>160</b>	<b>1,646</b>



**Charoen Pokphand Foods Public Company Limited  
and its Subsidiaries**

**Notes to the financial statements**

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*Significant associates*

The following table summarises the financial information of an associate that the Group considered as material by reconciling financial information with the carrying amount of the interests in the associate as summarised below:

	CP ALL Public Company Limited and its subsidiaries		Chia Tai Investment Co., Ltd.		(Unit: Million Baht) Siam Makro Public Company Limited and its subsidiaries	
	2022	2021	2022	2021	2022	2021
<b><i>Financial information of the associate</i></b>						
Revenue	853,427	594,085	259,319	224,058	469,963	74,049
Profit (loss) from continuing operations	16,221	11,987	4,490	(4,669)	7,682	1,488
Other comprehensive income (expense)	(329)	1,834	(9,069)	26,924	(56)	(140)
<b>Total comprehensive income (expense)</b>	<b>15,892</b>	<b>13,821</b>	<b>(4,579)</b>	<b>22,255</b>	<b>7,626</b>	<b>1,348</b>
Attributable to non-controlling interests	2,949	(933)	744	700	(15)	1
Attributable to the equity holder of the associate	12,943	14,754	(5,323)	21,555	7,641	1,347
Current assets	148,955	165,773	102,083	88,111	87,355	110,000
Non-current assets	775,106	766,680	284,812	279,904	461,347	459,549
Current liabilities	(207,443)	(214,888)	(119,400)	(103,733)	(90,763)	(118,211)
Non-current liabilities	(426,317)	(424,758)	(57,297)	(46,776)	(166,949)	(162,781)
<b>Net assets</b>	<b>290,301</b>	<b>292,807</b>	<b>210,198</b>	<b>217,506</b>	<b>290,990</b>	<b>288,557</b>

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	CP ALL Public Company Limited and its subsidiaries		Chia Tai Investment Co., Ltd.		(Unit: Million Baht) Siam Makro Public Company Limited and its subsidiaries	
	2022	2021	2022	2021	2022	2021
Attributable to non-controlling interests	193,974	204,034	6,515	6,816	583	501
Attributable to the equity holder of the associate	96,327	88,773	203,683	210,690	290,407	288,056
<b><i>Reconciliation of the carrying amount of the interests in the associate</i></b>						
Group's interest in net assets of the associate at 1 January / acquisition date	30,174	27,400	38,524	35,759	25,485	25,900
Total comprehensive income (expense) attributable to the Group	4,404	5,012	(1,103)	3,941	638	149
Dividends received during year	(1,823)	(2,760)	-	(1,284)	(468)	-
Difference from change in ownership	80	522	16,933	108	38	(564)
Group's interests in net assets of the associates at end of year	32,835	30,174	54,354	38,524	25,693	25,485
Goodwill	81,017	78,097	17,775	34,725	20,106	20,051
Transaction costs	-	-	-	-	-	55
<b>Carrying amount of the interests in the associate at 31 December</b>	<b>113,852</b>	<b>108,271</b>	<b>72,129</b>	<b>73,249</b>	<b>45,799</b>	<b>45,591</b>

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*Immaterial associates*

The following is summarised financial information for the Group's interest in immaterial associates:

	<i>(Unit: Million Baht)</i>	
	<b>Consolidated</b>	
	<b>financial statements</b>	
	2022	2021
<b>Carrying amount of interests in immaterial associates</b>	<b>3,561</b>	<b>3,317</b>
Group's share of:		
- Profit from continuing operations	271	200
- Other comprehensive income	11	29
- Total comprehensive income	282	229

## 12 Investments in joint ventures

Movements during the years ended 31 December were as follows:

	<b>Consolidated</b>		<i>(Unit: Million Baht)</i>	
	<b>financial statements</b>		<b>Separate</b>	
			<b>financial statements</b>	
	2022	2021	2022	2021
At 1 January	22,412	21,014	4,360	4,360
Acquisition/additional investments	1,280	798	-	-
Share of profit	(2,915)	591	-	-
Share of other comprehensive income (expense)	(200)	1,142	-	-
Dividend income	(453)	(1,133)	-	-
<b>At 31 December</b>	<b>20,124</b>	<b>22,412</b>	<b>4,360</b>	<b>4,360</b>

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*Details of investments in joint ventures*

Investments in joint ventures as at 31 December for the years then ended were as follows:

(Unit: Million Baht)

	Consolidated financial statements										
	Country of operation	Ownership interest (both direct and indirect)		Cost method		Equity method		Accumulated impairment		At equity - net	
		( <i>%)</i>									
		2022	2021	2022	2021	2022	2021	2022	2021	2022	2021
<i>Non-marketable securities</i>											
CP-Meiji Co., Ltd. (“CP-Meiji”) *	Thailand	59.99	59.99	1,200	1,200	2,781	2,859	-	-	2,781	2,859
Andhra Pradesh Broodstock Multiplicationcentre Private Limited **	India	74.99	74.99	98	98	80	90	-	-	80	90
Camanor Produtos Marinhos S.A.	Brazil	40.00	40.00	566	566	357	373	-	-	357	373
CP-MP Logistics Joint Stock Company	Vietnam	40.76	32.43	4	4	2	2	-	-	2	2
ECI Metro Enterprises (Hong Kong) Co., Ltd.	Hong Kong	25.21	25.21	-	-	-	-	-	-	-	-
ECI Metro Investment Co., Ltd.	China	25.21	25.21	1,296	1,296	2,963	3,174	-	-	2,963	3,174
Feng Sheng Livestock Co., Ltd.	Taiwan	19.51	19.51	107	107	107	112	-	-	107	112
HyLife Group Holdings Ltd.**	Canada	50.10	50.10	11,983	10,703	10,404	12,344	-	-	10,404	12,344
SuperDrob S.A.	Poland	49.45	49.45	3,794	3,794	3,389	3,366	-	-	3,389	3,366
Well Well Invest S.A.	Poland	33.33	33.33	83	83	30	86	-	-	30	86
Westbridge Foods Holding B.V. **	Netherlands	49.99	49.99	6	6	11	6	-	-	11	6
<b>Total</b>				<b>19,137</b>	<b>17,857</b>	<b>20,124</b>	<b>22,412</b>	<b>-</b>	<b>-</b>	<b>20,124</b>	<b>22,412</b>

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\* CP-Meiji is a joint venture because the articles of association of CP-Meiji specifies that each investor has joint control over significant financial and operating decisions and has right to the net assets of CP-Meiji. The Group accounts for investments in joint ventures using the equity method in the consolidated financial statements.

\*\* Andhra Pradesh Broodstock Multiplicationcentre Private Limited, HyLife Group Holdings Ltd. and Westbridge Foods Holding B.V. are joint ventures because each investor has joint control over significant financial and operating decisions and have rights to the net assets of Andhra Pradesh Broodstock Multiplicationcentre Private Limited, HyLife Group Holdings Co., Ltd. and Westbridge Foods Holding B.V. The Group accounts for investments in joint ventures using the equity method in the consolidated financial statements.

The Group has considered that none of the joint ventures is regarded as individually material to the Group.

*Immaterial joint ventures*

The following is summarised financial information for the Group's interest in immaterial joint ventures based on the amounts reported in the Group's consolidated financial statements:

	<i>(Unit: Million Baht)</i>	
	<b>Consolidated</b>	
	<b>financial statements</b>	
	2022	2021
<b>Carrying amount of interests in immaterial joint ventures</b>	<b>20,124</b>	<b>22,412</b>
Group's share of:		
- Profit from continuing operations	(2,915)	591
- Other comprehensive income	(200)	1,142
- Total comprehensive income	(3,115)	1,733

Contingent liabilities and commitments relating to the investments in joint ventures as at 31 December were as follows:

	<i>(Unit: Million Baht)</i>	
	<b>Consolidated</b>	
	<b>financial statements</b>	
	2022	2021
Group's share of the commitments	679	758

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*Details of investments in joint ventures (Continued)*

(Unit: Million Baht)

Separate financial statements									
	Country of operation	Ownership interest		Cost method		Accumulated impairment		At cost - net	
		( <i>%</i> )							
		2022	2021	2022	2021	2022	2021	2022	2021
<i>Non-marketable securities</i>									
Camanor Produtos Marinhos S.A.	Brazil	40.00	40.00	566	566	-	-	566	566
SuperDrob S.A.	Poland	49.45	49.45	3,794	3,794	-	-	3,794	3,794
<b>Total</b>				<b>4,360</b>	<b>4,360</b>	<b>-</b>	<b>-</b>	<b>4,360</b>	<b>4,360</b>

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**13 Investment properties**

		Consolidated financial statements			(Unit: Million Baht) Separate financial statements	
	Note	Land	Building and improvement	Total	Land	Total
<b>Cost</b>						
At 1 January 2021		1,478	62	1,540	357	357
Impact of changes in accounting policy	3	4,374	-	4,374	1,165	1,165
At 1 January 2021		5,852	62	5,914	1,522	1,522
Additions		555	-	555	554	554
Acquired through business acquisitions		273	-	273	-	-
Transfers		1	1	2	-	-
Transfers to property, plant and equipment	14	(273)	(28)	(301)	-	-
Disposals		(7)	-	(7)	(7)	(7)
Currency translation differences		-	5	5	-	-
<b>At 31 December 2021 and 1 January 2022</b>		<b>6,401</b>	<b>40</b>	<b>6,441</b>	<b>2,069</b>	<b>2,069</b>
Revaluation		1,766	-	1,766	608	608
Transfers to property, plant and equipment	14	(108)	-	(108)	-	-
Disposals		(125)	(41)	(166)	-	-
Currency translation differences		-	1	1	-	-
<b>At 31 December 2022</b>		<b>7,934</b>	<b>-</b>	<b>7,934</b>	<b>2,677</b>	<b>2,677</b>
<b>Depreciation and impairment losses</b>						
At 1 January 2021		(79)	(28)	(107)	(2)	(2)
Impact of changes in accounting policy	3	79	-	79	2	2
At 1 January 2021		-	(28)	(28)	-	-
Currency translation differences		-	(4)	(4)	-	-
<b>At 31 December 2021 and 1 January 2022</b>		<b>-</b>	<b>(32)</b>	<b>(32)</b>	<b>-</b>	<b>-</b>
Disposals		-	33	33	-	-
Currency translation differences		-	(1)	(1)	-	-
<b>At 31 December 2022</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Net book value</b>						
At 31 December 2021		6,401	8	6,409	2,069	2,069
At 31 December 2022		7,934	-	7,934	2,677	2,677

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**Fair value measurement**

Appraisal prices of the investment properties were valued by the independent professional valuers using Market Comparison Approach, at fair market values. The fair value measurement for the investment properties have been categorised as a Level 3 based on the inputs to the valuation technique used.

The following table shows the valuation technique used in measuring the fair value of investment properties, as well as the significant unobservable inputs used.

<b>Valuation technique</b>	<b>Significant unobservable inputs</b>	<b>Inter-relationship between key unobservable inputs and fair value measurement</b>
Market comparison approach	Quotation and actual sales prices of comparable investment properties adjusted by other factors.	The estimated fair value increases (decreases) if the price per area increases (decreases).

**14 Property, plant and equipment**

(Unit: Million Baht)

Consolidated financial statements							
		Land	Buildings, building improve- ments and utilities system	Machinery and equipment	Others	Assets under construction and installation	Total
<i>Note</i>							
<b>Cost/revaluation</b>							
At 1 January 2021		47,447	107,216	106,442	12,324	21,088	294,517
Additions		74	378	1,714	1,283	21,022	24,471
Acquired through business acquisitions		2,907	5,756	2,432	366	49	11,510
Surplus on revaluation		222	-	-	-	-	222
Transfers		424	8,802	7,636	1,990	(18,999)	(147)
Transfers from investment properties	13	273	28	-	-	-	301
Disposals		(254)	(1,182)	(2,251)	(792)	(33)	(4,512)
Currency translation differences		1,072	6,434	6,564	770	2,145	16,985
<b>At 31 December 2021 and 1 January 2022</b>		<b>52,165</b>	<b>127,432</b>	<b>122,537</b>	<b>15,941</b>	<b>25,272</b>	<b>343,347</b>
Additions		802	426	1,196	1,589	24,326	28,339
Surplus on revaluation		14,765	25,963	-	-	-	40,728
Transfers		530	11,564	10,849	1,217	(24,604)	(444)
Transfers from investment properties	13	108	-	-	-	-	108
Disposals		(73)	(1,144)	(2,334)	(482)	(160)	(4,193)
Currency translation differences		(515)	(1,888)	(1,715)	(228)	552	(3,794)
<b>At 31 December 2022</b>		<b>67,782</b>	<b>162,353</b>	<b>130,533</b>	<b>18,037</b>	<b>25,386</b>	<b>404,091</b>



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**14 Property, plant and equipment (Continued)**

(Unit: Million Baht)

	<b>Consolidated financial statements</b>					
	Land	Buildings, building improve- ments and utilities system	Machinery and equipment	Others	Assets under construction and installation	Total
<i>Accumulated depreciation and impairment losses</i>						
At 1 January 2021	-	(38,035)	(50,285)	(7,714)	-	(96,034)
Depreciation charge for the year	-	(5,911)	(9,178)	(1,384)	-	(16,473)
Reversal of impairment losses	-	227	40	6	-	273
Transfers	-	109	13	85	-	207
Disposals	-	731	1,749	490	-	2,970
Currency translation differences	-	(2,166)	(2,863)	(408)	-	(5,437)
<b>At 31 December 2021 and 1 January 2022</b>	<b>-</b>	<b>(45,045)</b>	<b>(60,524)</b>	<b>(8,925)</b>	<b>-</b>	<b>(114,494)</b>
Depreciation charge for the year	-	(6,581)	(9,897)	(1,811)	-	(18,289)
Reversal of impairment (losses)	-	(81)	36	-	-	(45)
Transfers	-	232	149	57	-	438
Disposals	-	1,017	2,161	458	-	3,636
Currency translation differences	-	343	864	120	-	1,327
<b>At 31 December 2022</b>	<b>-</b>	<b>(50,115)</b>	<b>(67,211)</b>	<b>(10,101)</b>	<b>-</b>	<b>(127,427)</b>
<i>Net book value</i>						
At 31 December 2021	<b>52,165</b>	<b>82,387</b>	<b>62,013</b>	<b>7,016</b>	<b>25,272</b>	<b>228,853</b>
At 31 December 2022	<b>67,782</b>	<b>112,238</b>	<b>63,322</b>	<b>7,936</b>	<b>25,386</b>	<b>276,664</b>

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**14 Property, plant and equipment (Continued)**

(Unit: Million Baht)

	Separate financial statements					Total
	Land	Buildings, building improve- ments and utilities system	Machinery and equipment	Others	Assets under construction and installation	
<b>Cost/ revaluation</b>						
At 1 January 2021	9,221	12,607	11,676	1,037	117	34,658
Additions	-	-	89	27	174	290
Transfers	-	54	132	5	(191)	-
Disposal	-	(118)	(137)	(15)	-	(270)
<b>At 31 December 2021 and 1 January 2022</b>	<b>9,221</b>	<b>12,543</b>	<b>11,760</b>	<b>1,054</b>	<b>100</b>	<b>34,678</b>
Additions	-	-	87	29	337	453
Surplus on revaluation	2,793	2,953	-	-	-	5,746
Transfers	-	116	89	4	(217)	(8)
Disposal	-	(794)	(1,049)	(58)	-	(1,901)
<b>At 31 December 2022</b>	<b>12,014</b>	<b>14,818</b>	<b>10,887</b>	<b>1,029</b>	<b>220</b>	<b>38,968</b>
<b>Accumulated depreciation and impairment losses</b>						
At 1 January 2021	-	(8,460)	(8,398)	(965)	-	(17,823)
Depreciation charge for the year	-	(631)	(637)	(36)	-	(1,304)
Disposals	-	104	118	14	-	236
<b>At 31 December 2021 and 1 January 2022</b>	<b>-</b>	<b>(8,987)</b>	<b>(8,917)</b>	<b>(987)</b>	<b>-</b>	<b>(18,891)</b>
Depreciation charge for the year	-	(522)	(514)	(32)	-	(1,068)
Reversal of impairment (losses)	-	(13)	11	-	-	(2)
Disposals	-	722	976	57	-	1,755
<b>At 31 December 2022</b>	<b>-</b>	<b>(8,800)</b>	<b>(8,444)</b>	<b>(962)</b>	<b>-</b>	<b>(18,206)</b>
<b>Net book value</b>						
<b>At 31 December 2021</b>	<b>9,221</b>	<b>3,556</b>	<b>2,843</b>	<b>67</b>	<b>100</b>	<b>15,787</b>
<b>At 31 December 2022</b>	<b>12,014</b>	<b>6,018</b>	<b>2,443</b>	<b>67</b>	<b>220</b>	<b>20,762</b>

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Capitalised borrowing cost in 2022 of the Group and the Company in accordance with acquisition of property, plant and equipment amounted to Baht 470 million and Baht 3 million, respectively (*2021: Baht 335 million and Baht 2 million, respectively*) is recognised as a part of cost of assets.

**Revaluation**

Appraisal prices of the land which were valued by the independent professional valuers at fair values using Market Comparison Approach, has been categorised as a Level 2 of Baht 309 million and a Level 3 of Baht 67,473 million fair value for the Group and a Level 3 of Baht 12,014 million for the Company based on the inputs to the valuation technique used as at 31 December 2022 (*2021: a Level 2 of Baht 254 million and a Level 3 of Baht 51,911 million for the Group and a Level 3 of Baht 9,221 million for the Company*).

Appraisal prices of the buildings and building improvements of animal feed product group and processed foods and ready meals product group which were valued by the independent professional valuers at fair values using Replacement Cost Approach, has been categorised as a Level 3 of Baht 62,697 million and Baht 5,187 million for the Group and the Company as at 31 December 2022, respectively, based on the inputs to the valuation technique used.

As at 31 December 2022, net book value of these land and building and building improvements of the Group and the Company would have been Baht 62,644 million and Baht 5,187 million, respectively, if they were measured at cost.

The following table shows the valuation technique used in measuring the fair value of land, buildings and improvement of animal feed, processed foods and ready meals products, as well as the significant unobservable inputs used.

<u>Valuation technique</u>	<u>Significant unobservable inputs</u>	<u>Inter-relationship between key unobservable inputs and fair value measurement</u>
Market comparison approach	Quotation and actual sales prices of comparable land adjusted by other factors.	The estimated fair value increases (decreases) if the price per area increases (decreases).
Replacement cost approach	Construction cost and the depreciation of buildings adjusted by other factors.	The estimated fair value increases (decreases) if the construction cost per area increases (decreases).

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**15 Leases**

*As a lessee*

	<b>Consolidated</b>		<i>(Unit: Million Baht)</i> <b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2022	2021	2022	2021
<b><i>Right-of-use assets</i></b>				
Land and buildings	28,307	27,459	175	121
Equipment	2,405	2,002	226	73
Vehicles	1,561	1,440	208	179
Leasehold rights	3,609	3,763	-	-
<b>Total</b>	<b>35,882</b>	<b>34,664</b>	<b>609</b>	<b>373</b>

In 2022, additions to the right-of-use assets of the Group and the Company were Baht 7,117 million and Baht 486 million, respectively (2021: 5,915 million and Baht 215 million, respectively).

The Group has lease agreements with non-related parties covering office premises including facilities, land, farms, vehicles and others for periods of 1 to 56 years expiring in 2023 to 2078.

	<b>Consolidated</b>		<i>(Unit: Million Baht)</i> <b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2022	2021	2022	2021
<b><i>For the year ended 31 December</i></b>				
<b><i>Amounts recognised in profit or loss</i></b>				
Depreciation of right-of-use assets:				
- Land and buildings	4,070	3,955	126	144
- Equipment	496	425	21	12
- Vehicles	640	609	100	106
Interest on lease liabilities	2,909	2,703	21	11
Expenses relating to short-term leases	2,045	1,718	34	52
Expenses relating to leases of low-value assets	23	22	1	1
Variable lease payments based on sales	171	74	11	3
<b>Lease expense</b>	<b>2,239</b>	<b>1,814</b>	<b>46</b>	<b>56</b>
Contingent rent expense	2,417	656	2	3

In 2022, total cash outflow for leases of the Group and the Company were Baht 7,802 million and Baht 331 million, respectively (2021: Baht 6,860 million and Baht 316 million, respectively).

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**16 Goodwill**

	<i>(Unit: Million Baht)</i>	
	<b>Consolidated</b>	
	<b>financial statements</b>	
	2022	2021
<b><i>Cost</i></b>		
At 1 January	66,918	60,666
Acquired through business acquisitions	-	656
Currency translation differences	2,386	5,596
<b>At 31 December</b>	<b>69,304</b>	<b>66,918</b>
<b><i>Impairment loss</i></b>		
At 1 January	(6,101)	(6,101)
Impairment loss	(436)	-
<b>At 31 December</b>	<b>(6,537)</b>	<b>(6,101)</b>
<b><i>Net book value</i></b>		
<b>At 1 January</b>	<b>60,817</b>	<b>54,565</b>
<b>At 31 December</b>	<b>62,767</b>	<b>60,817</b>

Goodwill is allocated to cash-generating unit by segment and countries of operation. Goodwill was mainly arising from the acquisitions of shares of C.P. Pokphand Co., Ltd., JSC Poultry Production Severnaya and Bellisio Investment, LLC.

***Impairment testing***

In evaluating and testing of impairment, the Group determined the recoverable amount on the higher of its value in use by estimating discounted future cash flows and the fair value less cost of disposal if sale the business.

In this regard, the preparation of future cash flows that the Group expects to receive is derived from the determination of financial assumptions based on the management's assessment by considering the factors related to future trends in the relevant industries and historical financial data from external and internal sources of information.

The key assumptions used in the estimation of the recoverable amount were as follows:

***Discount rate***

The discount rates were based on weighted average cost of capital comprised of key financial assumptions such as targeted capital structure, cost of debt and cost of equity.

***Terminal growth rate***

Terminal growth rates were determined based on average consumer price index, inflation rates, growth rates of the relevant industries of the countries of the operation and the long-term growth plan as well as the comparable businesses in the same industries.

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*Budgeted future cash flow that the Group expects to receive*

Budgeted future cash flow that the Group expects to receive comprises of budgeted revenue growth, costs and related expenses, by taking the average growth rate in the past, budgeted sale quantities, selling price, and expenses into account and referencing to future trend of market growth along with the business strategies and the operation of the Group in the future.

**17 Other intangible assets**

*(Unit: Million Baht)*

	<b>Consolidated financial statements</b>				
	Development cost of software applications	Development cost of products	Customer relationships	Trademarks, rights and others	Total
<b>Cost</b>					
At 1 January 2021	869	1,929	5,393	9,925	18,116
Additions	168	5	-	124	297
Acquired through business acquisitions	3	-	-	-	3
Transfers	17	71	-	(5)	83
Disposals	(38)	-	-	(17)	(55)
Currency translation differences	44	189	560	872	1,665
<b>At 31 December 2021 and 1 January 2022</b>	<b>1,063</b>	<b>2,194</b>	<b>5,953</b>	<b>10,899</b>	<b>20,109</b>
Additions	383	-	-	154	537
Transfers	34	136	-	17	187
Disposals	(75)	(63)	-	(36)	(174)
Currency translation differences	(5)	82	127	198	402
<b>At 31 December 2022</b>	<b>1,400</b>	<b>2,349</b>	<b>6,080</b>	<b>11,232</b>	<b>21,061</b>
<b>Accumulated amortisation</b>					
1 January 2021	(561)	(479)	(1,584)	(2,349)	(4,973)
Amortisation charge for the year	(73)	(148)	(420)	(440)	(1,081)
Disposals	5	-	-	13	18
Currency translation differences	(34)	(55)	(177)	(158)	(424)
<b>At 31 December 2021 and 1 January 2022</b>	<b>(663)</b>	<b>(682)</b>	<b>(2,181)</b>	<b>(2,934)</b>	<b>(6,460)</b>
Amortisation charge for the year	(80)	(217)	(448)	(465)	(1,210)
Disposals	74	35	-	36	145
Currency translation differences	4	(25)	(22)	(35)	(78)
<b>At 31 December 2022</b>	<b>(665)</b>	<b>(889)</b>	<b>(2,651)</b>	<b>(3,398)</b>	<b>(7,603)</b>
<b>Net book value</b>					
<b>At 31 December 2021</b>	<b>400</b>	<b>1,512</b>	<b>3,772</b>	<b>7,965</b>	<b>13,649</b>
<b>At 31 December 2022</b>	<b>735</b>	<b>1,460</b>	<b>3,429</b>	<b>7,834</b>	<b>13,458</b>

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**17 Other intangible assets (Continued)**

(Unit: Million Baht)

	<b>Separate financial statements</b>		
	Development cost of software applications	Others	Total
<b><i>Cost</i></b>			
At 1 January 2021	7	108	115
Additions	-	1	1
Disposals	-	(5)	(5)
<b>At 31 December 2021 and 1 January 2022</b>	<b>7</b>	<b>104</b>	<b>111</b>
Additions	23	-	23
Transfer	-	11	11
Disposals	-	(1)	(1)
<b>At 31 December 2022</b>	<b>30</b>	<b>114</b>	<b>144</b>
<b><i>Accumulated amortisation</i></b>			
At 1 January 2021	(6)	(85)	(91)
Amortisation charge for the year	-	(6)	(6)
Disposals	-	5	5
<b>At 31 December 2021 and 1 January 2022</b>	<b>(6)</b>	<b>(86)</b>	<b>(92)</b>
Amortisation charge for the year	-	(6)	(6)
<b>At 31 December 2022</b>	<b>(6)</b>	<b>(92)</b>	<b>(98)</b>
<b><i>Net book value</i></b>			
<b>At 31 December 2021</b>	<b>1</b>	<b>18</b>	<b>19</b>
<b>At 31 December 2022</b>	<b>24</b>	<b>22</b>	<b>46</b>

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**18 Interest-bearing liabilities**

	<i>Note</i>	<b>Consolidated</b>		<i>(Unit: Million Baht)</i>	
		<b>financial statements</b>		<b>Separate</b>	
		2022	2021	2022	2021
<b><i>Current</i></b>					
Bank overdrafts and short-term borrowings from financial institutions		94,753	70,992	-	-
Bills of exchange		20,687	17,964	3,545	8,488
Short-term borrowings from related parties	5	1,994	1,456	11,170	-
<b>Total</b>		<b>117,434</b>	<b>90,412</b>	<b>14,715</b>	<b>8,488</b>
<b><i>Current portion of long-term debts</i></b>					
Long-term borrowings from financial institutions		46,727	27,465	1,165	683
Debentures		19,390	11,600	9,940	11,600
Lease liabilities		4,921	4,439	182	146
<b>Total</b>		<b>71,038</b>	<b>43,504</b>	<b>11,287</b>	<b>12,429</b>
<b>Total current</b>		<b>188,472</b>	<b>133,916</b>	<b>26,002</b>	<b>20,917</b>
<b><i>Non-current</i></b>					
Long-term borrowings from financial institutions		108,675	101,733	1,424	2,467
Debentures		192,825	190,190	113,075	111,140
Exchangeable bond		-	9,317	-	-
Lease liabilities		30,581	29,461	428	225
<b>Total non-current</b>		<b>332,081</b>	<b>330,701</b>	<b>114,927</b>	<b>113,832</b>
<b>Grand total</b>		<b>520,553</b>	<b>464,617</b>	<b>140,929</b>	<b>134,749</b>

**Long-term borrowings from financial institutions**

As at 31 December 2022, certain foreign subsidiaries had secured long-term borrowings totalling Baht 26,140 million (2021: Baht 25,783 million) which were pledged by various assets as collateral including property, plant and equipment with net book value of Baht 17,746 million (2021: Baht 13,731 million), current and non-current assets mainly comprising of current investments, leasehold rights, inventories and net accounts receivable and payable, with carrying amount of Baht 6,743 million (2021: Baht 7,252 million), ordinary shares of a foreign subsidiary of 3,182 million (2021: Baht 1,102 million).



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In this regards, the Group had significant borrowing agreements with financial institutions as follows:

**CPF Investment Limited (“CPFI”)**

CPFI, a 100.00% owned subsidiary of the Company had secured long-term borrowing agreements with various financial institutions, credit facilities totalling U.S. Dollar 3,658 million. Interest rate of such borrowing is LIBOR and SOFR plus specified rate, and will be matured within 2027.

CPFI used the above long-term borrowing facilities to finance investing activity and for general corporate operations. In this regard, CPFI must comply with the covenants as specified in the agreement.

**C.P. Pokphand Co., Ltd. (“CPP”)**

CPP, a 76.24% owned subsidiary of the Group, entered into a long-term loan agreement with various financial institutions (“the agreement”) amounting to U.S. Dollar 481 million. Interest rate of such borrowing is LIBOR plus specified rate, and will be matured within 2025.

CPP fully drew down the above long-term borrowing for loan repayment and investing activity and/or general corporate operations of CPP. In this regard, CPP must comply with the covenants as specified in the agreement.

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***Debentures***

As at 31 December, the Company and certain subsidiaries had unsubordinated and unsecured debenture as follows:

(Unit: Million Baht)							
Debentures	interest rates	Term	Maturity	Consolidated		Separate	
	( %per annum)	(Year)	Year	financial statements	financial statements	financial statements	financial statements
				2022	2021	2022	2021
<b>Charoen Pokphand Foods Public Company Limited (the “Company”)</b>							
1/2011 <sup>(1)</sup>	5.42	30	2041	4,000	4,000	4,000	4,000
2/2011 <sup>(1)</sup>	5.42	30	2041	6,000	6,000	6,000	6,000
2/2012	4.40 - 6.00	10 - 20	2022 - 2032	5,000	9,000	5,000	9,000
1/2015	3.98	8	2023	5,500	5,500	5,500	5,500
2/2015	3.97 - 4.51	8 - 12	2023 - 2027	6,940	6,940	6,940	6,940
1/2016	3.11 - 3.73	8 - 15	2024 - 2031	6,000	6,000	6,000	6,000
1/2018	3.05 - 3.60	7 - 10	2025 - 2028	12,000	12,000	12,000	12,000
2/2018	3.20 - 4.66	4 - 12	2022 - 2030	10,700	18,300	10,700	18,300
1/2020	3.00 - 4.00	4 - 15	2024 - 2035	25,000	25,000	25,000	25,000
1/2021	1.75 - 3.80	2 - 12	2023 - 2033	30,000	30,000	30,000	30,000
1/2022	3.15 - 4.00	4 - 8	2026 - 2030	11,875	-	11,875	-
<b>Total</b>				<b>123,015</b>	<b>122,740</b>	<b>123,015</b>	<b>122,740</b>
<b>CPF (Thailand) Public Company Limited (“CPFTH”)</b>							
1/2016	3.47 - 4.15	7 - 12	2023 - 2028	8,550	8,550	-	-
2/2016	3.09 - 3.95	7 - 15	2023 - 2031	8,000	8,000	-	-
1/2018	3.24 - 4.43	6 - 15	2024 - 2033	10,500	10,500	-	-
1/2019	2.91 - 4.18	4 - 12	2023 - 2031	17,000	17,000	-	-
1/2020	3.15 - 4.11	5 - 15	2025 - 2035	20,000	20,000	-	-
1/2021	2.50 - 3.70	6 - 12	2027 - 2033	15,000	15,000	-	-
1/2022	3.80 - 5.00	7 - 15	2029 - 2037	10,150	-	-	-
<b>Total</b>				<b>89,200</b>	<b>79,050</b>	<b>-</b>	<b>-</b>
<b>Grand Total</b>				<b>212,215</b>	<b>201,790</b>	<b>123,015</b>	<b>122,740</b>
Less current portion				(19,390)	(11,600)	(9,940)	(11,600)
<b>Net</b>				<b>192,825</b>	<b>190,190</b>	<b>113,075</b>	<b>111,140</b>

(Unit: Million Baht)

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- <sup>(1)</sup> The third series of the Company's debentures 1/2011 of Baht 4,000 million and debenture 2/2011 of Baht 6,000 million. The debenture holders have the redemption right at the end of year 15.

The debenture of the Company and CPFTH were registered with the Thai Bond Market Association. The debenture of the Company and CPFTH had a credit rating of "A+" rated by TRIS Rating Co., Ltd. on 31 March 2022.

In this regard, the Company and CPFTH must comply with the specific covenants of the above debentures such as to maintain debt to equity ratio throughout the terms of debentures, etc.

***Exchangeable Bond***

As at 31 December, the certain subsidiaries had exchangeable bonds as follows:

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2022	2021	2022	2021
C.P. Foods Capital Limited ("CPFC")	-	9,317	-	-
<b>Total</b>	<b>-</b>	<b>9,317</b>	<b>-</b>	<b>-</b>

(Unit: Million Baht)

**CP Foods Capital Limited ("CPFC")**

On 13 May 2020, the Board of Directors of the Company passed a resolution to approve CPFC, a 100.00% owned subsidiary of the Company, to issue and offer U.S. Dollar 275 million 0.5% Exchangeable Bonds due 2025 ("EBs"). The EBs holders can exchange the EBs into a pro rata share of the Exchange Property with a sponsor undertaking from the Company. The Exchange Property, at the EBs issue date, shall initially comprise 234,000,000 ordinary shares of the Company. Under the terms and conditions of the EBs, the EB holders have the options to (1) exchange the EBs into ordinary shares of the Company, or (2) put the EBs to CPFC on the date falling 2 years from the issue date of the EBs, or (3) hold the EBs until maturity, whereby in the case of (2) and (3) CPFC will repay the EB holders in cash. In accordance with the terms and conditions of the EBs, where the EB holders exercise the exchange right, and the aggregate number of ordinary shares of the Company to be delivered to such EB holders by CPFC exceeds the specified threshold, CPFC can redeem the EBs in respect of such number of ordinary shares of the Company which exceed the specified threshold using cash of equivalent value. In addition, CPFC, as the EBs issuer, has option to redeem at 110.58% of their principal amount at the maturity date.

The issuance and offering of the EBs were completed and the EBs were listed on Singapore Stock Exchange on 18 June 2020.

During the year 2022, the EB holders exercised the option to put the EBs to CPFC, following the terms and conditions of the EBs at 104.08% of their principal amount totalling U.S. Dollar 286 million or equivalent to Baht 9,843 million.

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**19 Treasury shares**

		<i>(Unit: Million Baht)</i>	
		<b>Consolidated</b>	<b>Separate</b>
		<b>financial statements</b>	<b>financial statements</b>
		<b>2022</b>	<b>2021</b>
		<b>2022</b>	<b>2021</b>
<b>Ordinary shares of the Company</b>			
At 1 January		6,245	6,088
Addition		818	157
<b>At 31 December</b>		<b>7,063</b>	<b>6,245</b>
<b>Ordinary shares of the Company held by subsidiaries</b>			
At 1 January		4,087	2,909
Addition		-	1,178
<b>At 31 December</b>		<b>4,087</b>	<b>-</b>
<b>Grand total</b>		<b>11,150</b>	<b>10,332</b>
		<b>7,063</b>	<b>6,245</b>

On 14 December 2022, the Board of Directors of the Company passed the resolution to approve the share repurchase program for financial management purpose in accordance with Section 66/1(2) of the Public Company Limited Act in the amount not exceeding Baht 5,000 million. The number of ordinary shares to be repurchased is not exceeding 200 million shares (par value of Baht 1 per share); equal to 2.32% of the total number of paid-up share capital of the Company. In this regard, the Company repurchased its ordinary shares through the main board of the Stock Exchange of Thailand during the specified period from 19 December 2022 to 18 June 2023. In this regard, the Company will resale its share repurchase through the main board of the Stock Exchange of Thailand, which the last date to resale such repurchase shares shall not be later than 18 June 2026.

As at 31 December 2022, the Company had repurchased 238 million treasury shares amounting Baht 7,063 million (2021: 204 million treasury shares amounting Baht 6,245 million).

**20 Accounts payable - trade and others**

		<i>(Unit: Million Baht)</i>	
		<b>Consolidated</b>	<b>Separate</b>
		<b>financial statements</b>	<b>financial statements</b>
		<b>2022</b>	<b>2021</b>
		<b>2022</b>	<b>2021</b>
Related parties	5	19,660	14,663
Other parties		31,304	29,709
<b>Total</b>		<b>50,964</b>	<b>44,372</b>
		<b>1,389</b>	<b>1,148</b>

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**21 Provisions for employee benefits**

The Group has defined benefit plans for employee's retirement based on the labor law requirements of each country.

A foreign subsidiary established a retirement fund with a financial institution, and the retirement fund is managed by the financial institution.

Employee benefit obligations as at 31 December were as follows:

	<b>Consolidated financial statements</b>		<i>(Unit: Million Baht)</i> <b>Separate financial statements</b>	
	2022	2021	2022	2021
Present value of funded - defined benefit obligations	456	537	-	-
Fair value of plan assets	(366)	(347)	-	-
	<b>90</b>	<b>190</b>	<b>-</b>	<b>-</b>
Present value of unfunded - defined benefit obligations	9,060	9,366	2,561	2,704
<b>Total</b>	<b>9,150</b>	<b>9,556</b>	<b>2,561</b>	<b>2,704</b>

Movements in the present value of the defined benefit obligations and the fair value of plan assets for the year ended 31 December were as follows:

	<b>Consolidated financial statements</b>		<i>(Unit: Million Baht)</i> <b>Separate financial statements</b>	
	2022	2021	2022	2021
Defined benefit obligations at 1 January	9,903	10,881	2,704	2,977
Benefits paid by the plans	(638)	(790)	(183)	(124)
Current service costs and interest	788	904	192	233
Defined benefit plan actuarial gains	(451)	(1,166)	(152)	(382)
Others	(86)	74	-	-
<b>Defined benefit obligations at 31 December</b>	<b>9,516</b>	<b>9,903</b>	<b>2,561</b>	<b>2,704</b>
Fair value of plan assets at 1 January	347	328	-	-
Expected return on plan assets	2	1	-	-
Defined benefit plan actuarial gains	25	7	-	-
Contributions paid	27	33	-	-
Benefits paid by the plans	(14)	(59)	-	-
Currency translation differences	(21)	37	-	-
<b>Fair value of plan assets at 31 December</b>	<b>366</b>	<b>347</b>	<b>-</b>	<b>-</b>

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Expenses or income recognised in the statement of income for the years ended 31 December were as follows:

	<b>Consolidated financial statements</b>		<i>(Unit: Million Baht)</i> <b>Separate financial statements</b>	
	<b>2022</b>	<b>2021</b>	<b>2022</b>	<b>2021</b>
Current service costs	583	591	141	149
Interest costs	205	313	51	84
Expected return on plan assets	(2)	(1)	-	-
<b>Total</b>	<b>786</b>	<b>903</b>	<b>192</b>	<b>233</b>

Actuarial gains (losses) recognised in other comprehensive income attributable to equity holders for the years ended 31 December were as follows:

	<b>Consolidated financial statements</b>		<i>(Unit: Million Baht)</i> <b>Separate financial statements</b>	
	<b>2022</b>	<b>2021</b>	<b>2022</b>	<b>2021</b>
Included in retained earnings:				
At 1 January	(405)	(1,402)	46	(260)
Recognised during the year	431	997	121	306
<b>At 31 December</b>	<b>26</b>	<b>(405)</b>	<b>167</b>	<b>46</b>

Principal actuarial assumptions at 31 December were as follows:

	<b>Consolidated financial statements</b>		<i>(Unit: %)</i> <b>Separate financial statements</b>	
	<b>2022</b>	<b>2021</b>	<b>2022</b>	<b>2021</b>
Discount rate	1.25 - 28.00	0.65 - 13.00	2.64	1.90
Future salary increases	2.00 - 10.08	2.00 - 10.00	3.00 - 6.00	3.00 - 6.00

Assumptions regarding future mortality are based on mortality tables of each country.

As at 31 December 2022, the weighted-average duration of the defined benefit obligation was 11 years (2021: 11 years).

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***Sensitivity analysis***

Reasonably possible changes at the reporting date to one of the relevant actuarial assumptions, holding other assumptions constant, would have affected the defined benefit obligation by the amounts shown as follows:

	<b>Consolidated</b>		<i>(Unit: Million Baht)</i>	
	<b>financial statements</b>		<b>Separate</b>	
	<u>Increase</u>	<u>Decrease</u>	<u>Increase</u>	<u>Decrease</u>
<b>Defined benefit obligation as at 31 December 2022</b>				
Discount rate (1% movement)	(710)	900	(193)	240
Future salary change (1% movement)	894	(713)	254	(210)
<b>Defined benefit obligation as at 31 December 2021</b>				
Discount rate (1% movement)	(815)	937	(225)	258
Future salary change (1% movement)	895	(796)	245	(219)

**22 Surpluses and legal reserve**

***Premium on ordinary shares***

Section 51 of the Public Limited Company Act B.E. 2535 requires companies to set aside share subscription monies received in excess of the par value of the shares issued to a reserve account ("Premium on ordinary shares"). Premium on ordinary shares is not available for dividend distribution.

***Equity in subsidiaries and associates***

Equity in subsidiaries and associates consist of:

- The changes in a parent's ownership interest in subsidiaries that do not result in a loss of control.
- The changes in interest in equity of associates.

***Surplus on common control transactions***

Surplus on common control transactions recognised in equity relate to differences between the carrying amount of net assets and the consideration received from the transfer of the carrying amounts of assets and liabilities of certain parts of the Company's business to a subsidiary. In addition, surplus on common control transactions were eliminated in the consolidated financial statements.

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***Other components of equity***

***1) Revaluation differences on assets***

Revaluation differences on assets recognised in equity relate to cumulative surpluses arising from the revaluations of freehold land, buildings and improvement of animal feed, processed foods and ready meals products until such assets are disposed.

***2) Hedging reserve***

The hedging reserve mainly comprises the effective portion of the cumulative net change in the fair value of hedging instruments used in cash flow hedges pending subsequent recognition in profit or loss or directly included in the initial cost or other carrying amount of a non-financial asset or non-financial liability.

***3) Fair value changes***

The fair value changes account within equity comprises the cumulative net change in the fair value of investments in equity investments measured at fair value through other comprehensive income until the disposal of investments.

***4) Currency translation differences***

The currency translation differences recognised in equity relate to:

- (a) Foreign exchange differences arising from translation of the financial statements of foreign operations to Thai Baht.
- (b) Foreign exchange differences arising from translation of monetary items, which are part of the Group's net investment in foreign operations when certain conditions are met.

Revaluation differences on assets, currency translation differences and fair value changes on investments are presented net of deferred tax.

***Appropriate of profit and/or retained earnings***

***Legal reserve***

Section 116 of the Public Limited Company Act B.E. 2535 requires that a company shall allocate not less than 5% of its annual net profit, less any accumulated losses brought forward, to a reserve account ("legal reserve"), until this account reaches an amount not less than 10% of the registered authorised capital. Legal reserve is not available for dividend distribution.

As at 31 December 2022, the legal reserve was Baht 929 million (2021: Baht 929 million).



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**23 Subordinated perpetual debentures**

On 2 March 2022, the Company exercised the early redemption right per condition as stipulated in the terms and conditions of subordinated perpetual debentures which is similar to equity with one-time payment upon dissolution of the Company or upon the exercise of the Company's early redemption right ("Debentures") (debentures no. 1/2017) of Baht 15,000 million, as well as, on the same day the Company issued the Debentures of Baht 15,000 million (debentures no. 1/2022). The Debentures were in registered name form, unsecured and unconvertible with debenture holder representative and the Company had the early redemption right pursuant to the terms and conditions of the debentures. The Debentures' interest rates during the first year to the fifth year is 4.50%, and after the fifth year the interest rate is adjusted every 5 years based on: (1) 5-year government bond yield, (2) Initial Credit Spread, and (3) percentage as stipulated in the prospectus; and will be paid on a semi-annual basis. In this regard, the Company has the sole right to unconditionally defer interest and cumulative interest payments without limitation on deferral period and times at the sole discretion of the Company. If the Company defers interest and cumulative interest payment, the Company shall not perform as follows:

- (a) declare or pay any dividend,
- (b) pay any interest or distribute any assets to any holder of Parity Securities or Junior Securities; and
- (c) redeem, reduce, cancel, acquire, or buy-back any of any securities issued by the Company which rank *pari passu* or junior to these Debentures.

During the year 2022, the Company paid interest to the Debentures holders amount of Baht 712 million (2021: Baht 750 million). The interest expense net of tax and other expenses of Baht 687 million (2021: Baht 751 million) was deducted from unappropriated retained earnings in the statements of financial position as at 31 December 2022.

As at 31 December 2022, the accumulated accrued interest expenses subsequent to the latest interest payment date was Baht 224 million (2021: Baht 249 million).

As at 31 December 2022, the Company classified subordinated perpetual debentures as part of equity in the consolidated and separate financial statements.

**24 Segment information and disaggregation of revenue**

Segment information is based on the Group's management and internal financial reporting structure which is regularly reviewed by the Group's Chief Operating Decision Maker in order to assess each segment's performance and to allocate resources to those segments.

***Information about reportable segments***

The Group comprises the following main segments:

- Segment 1 : Livestock business
- Segment 2 : Aquaculture business

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Details of the reportable segments' financial information of the Group as at 31 December and for the years then ended were as follows:

*(Unit: Million Baht)*

	<b>Consolidated financial statements</b>					
	Livestock business		Aquaculture business		Total	
	2022	2021	2022	2021	2022	2021
<b><i>Statements of income</i></b>						
Revenue from sale of goods	<u>530,522</u>	<u>435,311</u>	<u>83,675</u>	<u>77,393</u>	<u>614,197</u>	<u>512,704</u>
Operating profit	<u>33,912</u>	<u>17,536</u>	<u>914</u>	<u>1,443</u>	<u>34,826</u>	<u>18,979</u>
Central income, net					2,121	9,532
Finance costs					(20,358)	(16,596)
Net foreign exchange gains					93	651
Share of profit of associates and joint ventures					3,745	4,167
Income tax expense					<u>(6,003)</u>	<u>(2,654)</u>
<b>Profit for the year</b>					<b><u>14,424</u></b>	<b><u>14,079</u></b>
<b><i>Assets</i></b>						
Property, plant and equipment, right-of-use assets and intangible assets (excluded goodwill), net	<u>276,388</u>	<u>232,863</u>	<u>47,761</u>	<u>42,677</u>	324,149	275,540
Central assets, net					1,853	1,626
Other assets					<u>600,985</u>	<u>568,078</u>
<b>Total</b>					<b><u>926,987</u></b>	<b><u>845,244</u></b>

***Information about geographical areas***

In presenting information on the basis of information about geographical areas, segment revenue is based on the geographical location of customers. Segment assets are based on the geographical location of the assets.

The Group comprises the following main information about geographical areas:

- Area 1 : Thailand
- Area 2 : Asia
- Area 3 : Europe
- Area 4 : America
- Area 5 : Others

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Detail of the geographic segment financial information of the geographical area of the Group as at 31 December and for the years then ended were as follows:

*(Unit: Million Baht)*

	<b>Consolidated financial statements</b>			
	Revenue from external customers		Non-current assets (excluded deferred tax assets and other non-current financial assets)	
	2022	2021	2022	2021
Thailand	191,205	160,050	303,439	262,705
Asia	303,393	261,894	280,584	264,798
Europe	82,603	60,515	51,795	44,895
America	35,458	28,894	49,644	51,423
Others	1,538	1,351	-	-
<b>Total</b>	<b>614,197</b>	<b>512,704</b>	<b>685,462</b>	<b>623,821</b>

***Information about major customer***

During the year 2022 and 2021, there were no single external customer that contributed 10% or more of the Group's total revenue.

***Disaggregation of revenue***

Details of revenue disaggregated by categories of main products for the years ended 31 December were as follows:

*(Unit: Million Baht)*

Categories of main products	<b>Consolidated financial statements</b>					
	Livestock business		Reportable segments Aquaculture business		Total	
	2022	2021	2022	2021	2022	2021
Animal feed	100,348	85,499	45,773	41,573	146,121	127,072
Animal farm products	308,501	249,255	31,185	28,191	339,686	277,446
Processed foods and ready meals	121,673	100,557	6,717	7,629	128,390	108,186
<b>Total</b>	<b>530,522</b>	<b>435,311</b>	<b>83,675</b>	<b>77,393</b>	<b>614,197</b>	<b>512,704</b>

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Details of revenue disaggregated by categories of main products for the years ended 31 December were as follows: (Continued)

	<i>(Unit: Million Baht)</i>	
	<b>Separate financial statements</b>	
	Reportable segment	
	Aquaculture business	
	2022	2021
<b>Categories of main products</b>		
Animal feed	14,659	13,756
Animal farm products	11,257	10,848
Processed foods and ready meals	1,972	2,450
<b>Total</b>	<b>27,888</b>	<b>27,054</b>

*Contract Balances*

As at 31 December 2022, the Group and the Company had contract liabilities of Baht 2,967 million and Baht 12 million, respectively *(2021: Baht 1,576 million and Baht 55 million, respectively)*, which represents the obligation to transfer goods to customers for which the consideration has been received.

The contract liabilities primarily relate to the advance consideration received from customers for sale of goods. The Group recognises such contract liabilities as revenue when transferring control of the goods to the customers. The outstanding balance of contract liabilities is included in the accounts “other current liabilities” in the consolidated and separate statement of financial position as at 31 December 2022.

**Promotional privileges**

By virtue of the provisions of the Industrial Investment Promotion Act B.E. 2520, the Company and certain local subsidiaries have been granted privileges by the Board of Investment relating to certain feedmill operations, farming, breeding animals, processed foods and ready meals productions. The privileges granted include:

- (a) an exemption from payment of import duty and tax on machinery as approved by the Board of Investment;
- (b) an exemption from payment of corporate income tax on net profit of the promoted business for certain periods and conditions as stipulated in the promotional certificates; and
- (c) a 50% reduction in the normal corporate income tax rate on the net profit derived from certain operations for a period of 5 years commencing from the expiry dates in (b) above.

As a promoted business, the Company and the subsidiaries must comply with certain conditions and restrictions provided for in the promotional certificates.

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Revenue from promoted and non-promoted businesses of the Company for the years ended 31 December were summarised as follows:

(Unit: Million Baht)

	Separate financial statements					
	Promoted businesses being granted exemption of corporate income tax		Non-promoted business being granted exemption of corporate income tax		Total	
	2022	2021	2022	2021	2022	2021
Local sales	3,050	3,250	20,870	20,807	23,920	24,057
Export sales	-	36	3,968	2,961	3,968	2,997
<b>Total revenue from sale of goods</b>	<b>3,050</b>	<b>3,286</b>	<b>24,838</b>	<b>23,768</b>	<b>27,888</b>	<b>27,054</b>

## 25 Management and employee benefit expenses

Management and employee benefit expenses consisted of:

- Management benefit expenses consisted of salaries and other benefit expenses of management, directors' remuneration, and sub-committees' remuneration totalling Baht 1,828 million and Baht 229 million in the consolidated and separate statements of income for the year ended 31 December 2022, respectively (2021: Baht 1,893 million and Baht 254 million, respectively).
- Employee benefit expenses consisted of salaries, wages and other benefit expenses of employees other than management totalling Baht 59,355 million and Baht 5,541 million in the consolidated and separate statements of income for the year ended 31 December 2022, respectively (2021: Baht 56,416 million and Baht 5,818, respectively).

## 26 Expenses by nature

Expenses consisted of:

	Consolidated financial statements		Separate financial statements	
	2022	2021	2022	2021
Cost of sales of goods	532,324	446,815	26,355	25,137
Distribution costs	22,922	20,236	933	944
Administrative expenses	32,079	30,644	2,563	2,522
<b>Total</b>	<b>587,325</b>	<b>497,695</b>	<b>29,851</b>	<b>28,603</b>

(Unit: Million Baht)

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Details of expenses by nature for the period ended 31 December were as follows:

	<b>Consolidated</b>		<i>(Unit: Million Baht)</i> <b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	<u>2022</u>	<u>2021</u>	<u>2022</u>	<u>2021</u>
Changes in finished goods, work in progress and biological assets	(13,407)	(9,634)	(261)	514
Raw materials and consumables used	414,126	338,619	17,538	15,120
Employee benefit expenses	61,183	58,309	5,770	6,072
Factory and office expenses	54,641	47,532	4,008	4,050
Depreciation and amortisation	24,819	22,439	1,323	1,572
Transportation expenses	18,486	15,559	727	626
Advertising, public relationship and sale promotion expenses	4,373	4,177	107	130
Vehicle and traveling expenses	2,721	1,970	155	115
Taxes, government and bank fees	2,344	1,927	50	47
Lease-related expenses	2,238	1,814	45	56
Others	15,801	14,983	389	301
<b>Total cost of sales of goods, distribution costs and administrative expenses</b>	<b><u>587,325</u></b>	<b><u>497,695</u></b>	<b><u>29,851</u></b>	<b><u>28,603</u></b>

**27 Income tax**

*Income tax recognised in profit or loss*

	<b>Consolidated</b>		<i>(Unit: Million Baht)</i> <b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	<u>2022</u>	<u>2021</u>	<u>2022</u>	<u>2021</u>
<b>Current tax</b>				
Current year	6,648	6,704	29	2
Under (over) provided in prior years	40	(275)	-	-
	<b><u>6,688</u></b>	<b><u>6,429</u></b>	<b><u>29</u></b>	<b><u>2</u></b>
<b>Deferred tax</b>				
Movements in temporary differences	(454)	(545)	126	(14)
Movements in tax losses	(231)	(3,230)	419	(1,473)
	<b><u>(685)</u></b>	<b><u>(3,775)</u></b>	<b><u>545</u></b>	<b><u>(1,487)</u></b>
<b>Income tax expense (income)</b>	<b><u>6,003</u></b>	<b><u>2,654</u></b>	<b><u>574</u></b>	<b><u>(1,485)</u></b>

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*Income tax recognised in other comprehensive income*

(Unit: Million Baht)

	<b>Consolidated financial statements</b>					
	2022			2021		
	Before tax	Tax (expense) income	Net of tax	Before tax	Tax (expense) income	Net of Tax
Revaluation differences on assets	40,728	(8,058)	32,670	222	(39)	183
Fair value changes on investments	2,943	(82)	2,861	206	(84)	122
Currency translation differences	(3,045)	144	(2,901)	15,576	(1)	15,575
Defined benefit plan actuarial gains	477	(96)	381	1,174	(239)	935
Cash flow hedges reserve	3,024	14	3,038	1,308	(55)	1,253
Gains on hedges investment	99	-	99	-	-	-
Share of other comprehensive income of associates and joint ventures	(2,640)	-	(2,640)	7,194	-	7,194
<b>Total</b>	<b>41,586</b>	<b>(8,078)</b>	<b>33,508</b>	<b>25,680</b>	<b>(418)</b>	<b>25,262</b>

(Unit: Million Baht)

	<b>Separate financial statements</b>					
	2022			2021		
	Before tax	Tax (expense) income	Net of tax	Before tax	Tax (expense) income	Net of Tax
Revaluation differences on assets	5,746	(1,149)	4,597	-	-	-
Fair value changes on investments	(47)	9	(38)	98	(19)	79
Defined benefit plan actuarial gains	152	(30)	122	383	(77)	306
Cash flow hedges reserve	73	(15)	58	48	(10)	38
<b>Total</b>	<b>5,924</b>	<b>(1,185)</b>	<b>4,739</b>	<b>529</b>	<b>(106)</b>	<b>423</b>

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*Reconciliation of effective tax rate*

(Unit: Million Baht)

	<b>Consolidated financial statements</b>				
Applicable tax rates	0%	10%	20%	Others	Total
<b>2022</b>					
Accounting profit (loss) before income tax, total	(2,461)	(102)	26,725	(3,735)	20,427
Tax at the applicable tax rates		(10)	5,345	42	5,377
Tax effect of income and expenses that are not taxable income or taxable expenses, total	-	36	486	64	586
Under (over) provided in prior years	-	-	(3)	43	40
<b>Total</b>	<b>-</b>	<b>26</b>	<b>5,828</b>	<b>149</b>	<b>6,003</b>
<b>2021</b>					
Accounting profit before income tax, total	205	99	14,540	1,888	16,732
Tax at the applicable tax rates	-	10	2,908	528	3,446
Tax effect of income and expenses that are not taxable income or taxable expenses, total	-	219	(2,481)	1,745	(517)
Over provided in prior years	-	-	(5)	(270)	(275)
<b>Total</b>	<b>-</b>	<b>229</b>	<b>422</b>	<b>2,003</b>	<b>2,654</b>



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***Reconciliation of effective tax rate (Continued)***

	<i>(Unit: Million Baht)</i>			
	<b>Separate financial statements</b>			
Applicable tax rates	0%	20%	Others	Total
<b>2022</b>				
Accounting profit before income tax, total	138	15,309	14	15,461
Tax at the applicable tax rates	-	3,062	1	3,063
Tax effect of income and expenses that are not taxable income or taxable expenses, total	-	(2,489)	-	(2,489)
<b>Total</b>	<b>-</b>	<b>573</b>	<b>1</b>	<b>574</b>
<b>2021</b>				
Accounting profit before income tax, total	141	428	11	580
Tax at the applicable tax rates	-	86	1	87
Tax effect of income and expenses that are not taxable income or taxable expenses, total	-	(1,572)	-	(1,572)
<b>Total</b>	<b>-</b>	<b>(1,486)</b>	<b>1</b>	<b>(1,485)</b>

***Deferred income tax***

Deferred tax assets and liabilities as at 31 December were as follows:

	<i>(Unit: Million Baht)</i>		<i>(Unit: Million Baht)</i>	
	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2022	2021 (Restated)	2022	2021 (Restated)
Deferred tax assets	4,582	4,730	-	1,238
Deferred tax liabilities	(16,338)	(8,903)	(388)	-
<b>Net deferred tax assets (liabilities)</b>	<b>(11,756)</b>	<b>(4,173)</b>	<b>(388)</b>	<b>1,238</b>

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Movements of deferred tax assets and liabilities during the year 2022 were as follows:

*(Unit: Million Baht)*

	<b>Consolidated financial statements</b>					<b>At 31 December 2022</b>
	<b>At 1 January 2022</b>	<b>Profit or loss</b>	<b>Charged/Credited to Other comprehensive income</b>	<b>Equity</b>	<b>Currency translation differences</b>	
<b><i>Deferred tax assets (liabilities)</i></b>						
Biological assets	(1,336)	(136)	-	-	8	(1,464)
Investments	(405)	-	(82)	-	(1)	(488)
Derivatives	152	-	14	-	4	170
Tax losses	7,042	231	-	146	(108)	7,311
Other intangible assets	(2,816)	86	-	-	(111)	(2,841)
Investment properties	(908)	(309)	-	-	(57)	(1,274)
Property, plant and equipment	(8,359)	106	(8,058)	3	(41)	(16,349)
Right-of-use assets	(3,187)	(1,227)	-	-	98	(4,316)
Lease liabilities	3,852	1,131	-	-	(95)	4,888
Provisions for employee benefits	1,438	52	(96)	-	(16)	1,378
Others	354	751	144	(43)	23	1,229
<b>Total</b>	<b>(4,173)</b>	<b>685</b>	<b>(8,078)</b>	<b>106</b>	<b>(296)</b>	<b>(11,756)</b>

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Movements of deferred tax assets and liabilities during the year 2021 were as follows:

*(Unit: Million Baht)*

	<b>Consolidated financial statements</b>				
	<b>At 1 January 2021 Restated</b>	<b>Charged/Credited to Profit or loss</b>	<b>Other comprehensive income</b>	<b>Acquired in business combination</b>	<b>At 31 December 2021 Restated</b>
<b><i>Deferred tax assets (liabilities)</i></b>					
Biological assets	(1,563)	395	-	(31)	(1,336)
Investments	(321)	-	(84)	-	(405)
Derivatives	204	(1)	(55)	-	152
Tax losses	3,550	3,230	-	137	7,042
Other intangible assets	(2,887)	295	-	-	(2,816)
Investment properties	(910)	2	-	-	(908)
Property, plant and equipment	(7,671)	78	(39)	(468)	(8,359)
Right-of-use assets	(2,844)	(273)	-	(5)	(3,187)
Lease liabilities	3,422	304	-	7	3,852
Provisions for employee benefits	1,606	55	(239)	18	1,438
Others	817	(310)	-	(170)	354
<b>Total</b>	<b>(6,597)</b>	<b>3,775</b>	<b>(417)</b>	<b>(512)</b>	<b>(4,173)</b>

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Movements of deferred tax assets and liabilities during the year 2022 were as follows:

(Unit: Million Baht)

	Separate financial statements				At 31 December 2022
	At 1 January 2022	Profit or loss	Charged/Credited to Other comprehensive income	Equity	
<b><i>Deferred tax assets (liabilities)</i></b>					
Investments	(93)	-	9	-	(84)
Derivatives	13	-	(15)	-	(2)
Investment properties	(252)	(122)	-	-	(374)
Property, plant and equipment	(1,291)	(4)	(1,149)	-	(2,444)
Right-of-use assets	(75)	(47)	-	-	(122)
Lease liabilities	74	48	-	-	122
Provisions for employee benefits	494	(2)	(30)	-	462
Tax losses	2,351	(419)	-	146	2,078
Others	17	1	-	(42)	(24)
<b>Total</b>	<b>1,238</b>	<b>(545)</b>	<b>(1,185)</b>	<b>104</b>	<b>(388)</b>

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As at 31 December 2022, the Group had temporary differences arising from unutilised tax losses which have not been recognised as deferred tax assets in the consolidated statements of financial position amounting Baht 20,724 million (2021: Baht 19,911 million) because it is not probable that tax benefit will be utilised in the foreseeable future.

Movements of deferred tax assets and liabilities during the year 2021 were as follows:

(Unit: Million Baht)

	Separate financial statements		
	At 1 January 2021 Restated	Charged/Credited to Profit or loss	Other comprehensive income
			At 31 December 2021 Restated
<b>Deferred tax assets (liabilities)</b>			
Investments	(74)	-	(19)
Derivatives	23	-	13
Investment properties	(253)	1	(252)
Property, plant and equipment	(1,290)	(1)	(1,291)
Right-of-use assets	(85)	10	(75)
Lease liabilities	81	(7)	74
Provisions for employee benefits	552	19	494
Tax losses	878	1,473	2,351
Others	25	(8)	17
<b>Total</b>	<b>(143)</b>	<b>1,487</b>	<b>(106)</b>

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**28 Earnings per share**

The calculations of earnings per share for the years ended 31 December were based on the profit for the years attributable to ordinary shareholders of the Company less cumulative interest expense for the year net of income tax on subordinated perpetual debentures and the weighted average number of ordinary shares held by third parties outstanding during the years as follows:

	<i>(Unit: Million Baht/Million shares)</i>			
	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2022	2021	2022	2021
<b>Profit for the year attributable to ordinary shareholders of the Company</b>	<b>13,969</b>	<b>13,028</b>	<b>14,887</b>	<b>2,066</b>
<i>Less: cumulative interest expense for the year net of income tax on subordinated perpetual debentures</i>	<i>(556)</i>	<i>(600)</i>	<i>(556)</i>	<i>(600)</i>
<b>Profit used in calculation of earnings per share (basic)</b>	<b>13,413</b>	<b>12,428</b>	<b>14,331</b>	<b>1,466</b>
Interest expense on convertible bonds, net of tax	-	251	-	-
<b>Profit used in calculation of earnings per share (diluted)</b>	<b>13,413</b>	<b>12,679</b>	<b>14,331</b>	<b>1,466</b>
<b>Weighted average number of ordinary shares held by third parties outstanding</b>				
Number of ordinary shares outstanding at the beginning of period	8,611	8,611	8,611	8,611
Treasury shares held by subsidiaries	(471)	(443)	-	-
Effect of own shares held	(204)	(198)	(204)	(198)
<b>Number of ordinary shares outstanding (basic) at the end of period</b>	<b>7,936</b>	<b>7,970</b>	<b>8,407</b>	<b>8,413</b>
Effect of conversion of convertible bonds	-	234	-	234
<b>Number of ordinary shares outstanding (diluted) at the end of period</b>	<b>7,936</b>	<b>8,204</b>	<b>8,407</b>	<b>8,647</b>
<b>Basic earnings per share (in Baht)</b>	<b>1.69</b>	<b>1.56</b>	<b>1.70</b>	<b>0.17</b>
<b>Diluted earnings per share (in Baht)</b>	<b>1.69</b>	<b>1.55</b>	<b>1.70</b>	<b>0.17</b>

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**29 Dividends**

Details of dividends for the years ended 31 December were as follows:

Approval date to pay dividends	Rate per share (Baht)	Number of entitled shares (Shares)	Total (in million Baht)	Source
<b>2022</b>				
26 April 2022	0.25	8,406,962,585	2,102	Profit after deduction of taxable losses
15 August 2022	0.40	8,406,962,585	3,363	Profit after deduction of taxable losses
<b>Total</b>			<b>5,465</b>	
<b>2021</b>				
30 April 2021	0.60	8,413,568,585	5,048	Profit after deduction of taxable losses
13 August 2021	0.40	8,413,568,585	3,366	Dividends received from subsidiaries appropriated from taxable profits which were subject to 20% corporate income tax
<b>Total</b>			<b>8,414</b>	

**30 Financial instruments**

**(a) Carrying amounts and fair values**

The following table shows the carrying amounts and fair values of financial assets and financial liabilities, including their levels in the fair value hierarchy. It does not include fair value information for financial assets and financial liabilities measured at amortised cost if the carrying amount is a reasonable approximation of fair value.

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(Unit: Million Baht)

		Consolidated financial statements							
		Carrying amount			Fair value				
	Note	Hedging instruments	Financial instruments measured at FVOCI	Financial instruments measured at amortised cost	Total	Level 1	Level 2	Level 3	Total
<b>At 31 December 2022</b>									
<b>Financial assets</b>									
Investment in equity securities									
- Marketable equity securities		-	3,585	-	3,585	3,585	-	-	3,585
- Non-marketable equity securities		-	13,005	-	13,005	-	-	13,005	13,005
Other financial assets									
- Derivative assets		4,692	-	-	4,692	-	4,692	-	4,692
<b>Total financial assets</b>		<b>4,692</b>	<b>16,590</b>	<b>-</b>	<b>21,282</b>				
<b>Financial liabilities</b>									
Long-term borrowings									
- Debentures	18	-	-	212,215	212,215	-	214,644	-	214,644
- Long-term borrowings from financial institution	18	-	-	155,402	155,402	-	156,724	-	156,724
Other financial liabilities									
- Derivative liabilities		152	-	-	152	-	152	-	152
<b>Total financial liabilities</b>		<b>152</b>	<b>-</b>	<b>367,617</b>	<b>367,769</b>				



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(Unit: Million Baht)

		Consolidated financial statements							
		Carrying amount				Fair value			
	Note	Hedging instruments	Financial instruments measured at FVOCI	Financial instruments measured at amortised cost	Total	Level 1	Level 2	Level 3	Total
<b>At 31 December 2021</b>									
<b>Financial assets</b>									
Investment in equity securities									
-Marketable equity securities		-	3,517	-	3,517	3,517	-	-	3,517
-Non-marketable equity securities		-	9,517	-	9,517	-	-	9,517	9,517
Other financial assets									
-Derivative assets		1,146	-	-	1,146	-	1,146	-	1,146
<b>Total financial assets</b>		<b>1,146</b>	<b>13,034</b>	<b>-</b>	<b>14,180</b>				
<b>Financial liabilities</b>									
Long-term borrowings									
-Debentures	18	-	-	201,790	201,790	-	210,237	-	210,237
-Convertible bonds	18	-	-	9,317	9,317	-	9,485	-	9,485
-Long-term borrowings from financial institution	18	-	-	129,198	129,198	-	129,095	-	129,095
Other financial liabilities									
-Derivative liabilities		399	-	-	399	-	399	-	399
<b>Total financial liabilities</b>		<b>399</b>	<b>-</b>	<b>340,305</b>	<b>340,704</b>				

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		Separate financial statements							
		Carrying amount			Fair value				
	Note	Hedging instruments	Financial instruments measured at FVOCI	Financial instruments measured at amortised cost	Total	Level 1	Level 2	Level 3	Total
<i>At 31 December 2022</i>									
<i>Financial assets</i>									
Investment in equity securities									
-Non-marketable equity securities		-	919	-	919	-	-	919	919
Other financial assets									
-Derivative assets		323	-	-	323	-	323	-	323
<b>Total financial assets</b>		<b>323</b>	<b>919</b>	<b>-</b>	<b>1,242</b>				
<i>Financial liabilities</i>									
Long-term borrowings									
-Debentures	18	-	-	123,015	123,015	-	124,543	-	124,543
-Long-term borrowings from financial institution	18	-	-	2,589	2,589	-	2,600	-	2,600
Other financial liabilities									
-Derivative liabilities		1	-	-	1	-	1	-	1
<b>Total financial liabilities</b>		<b>1</b>	<b>-</b>	<b>125,604</b>	<b>125,605</b>				

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(Unit: Million Baht)

		Separate financial statements							
		Carrying amount				Fair value			
	Note	Hedging instruments	Financial instruments measured at FVOCI	Financial instruments measured at amortised cost	Total	Level 1	Level 2	Level 3	Total
<b>At 31 December 2021</b>									
<b>Financial assets</b>									
Investment in equity securities									
-Non-marketable equity securities		-	761	-	761	-	-	761	761
Other financial assets									
-Derivative assets		144	-	-	144	-	144	-	144
<b>Total financial assets</b>		<b>144</b>	<b>761</b>	<b>-</b>	<b>905</b>				
<b>Financial liabilities</b>									
Long-term borrowings									
-Debentures	18	-	-	122,740	122,740	-	128,553	-	128,553
-Long-term borrowings from financial institution	18	-	-	3,151	3,151	-	3,200	-	3,200
Other financial liabilities									
-Derivative liabilities		64	-	-	64	-	64	-	64
<b>Total financial liabilities</b>		<b>64</b>	<b>-</b>	<b>125,891</b>	<b>125,955</b>				

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The following tables present valuation technique of financial instruments measured at fair value in the statements of financial position:

**Financial instruments measured at Level 2 fair values**

<b>Type</b>	<b>Valuation technique</b>
Forward exchange contracts	<i>Forward pricing:</i> The fair value is determined using quoted forward exchange rates at the reporting date and present value calculations based on high credit quality yield curves in the respective currencies.
Swap agreements	<i>Swap models:</i> The present value of estimated future cash flows, using an observable yield curve.
Derivatives	Derived by a model using a valuation technique that incorporating observable market data which is adjusted with counterparty credit risk (excluding own credit risk) and other risks to reflect true economic value.
Debentures	Determined based on quoted prices in the debenture markets traded in Thai and overseas markets by using the closing price at the end of the reporting period.
Exchangeable bonds (“EBs”)/ Convertible bonds (“CBs”)	Determined based on quoted prices in the EBs/CBs market traded in overseas by using the closing price at the end of the reporting period.

**Financial instruments measured at Level 3 fair values**

<b>Type</b>	<b>Valuation technique</b>	<b>Significant unobservable inputs</b>	<b>Inter-relationship between significant unobservable inputs and fair value measurement</b>
Non-marketable equity securities	- <i>Market comparison technique:</i> The valuation model is based on multiples derived from market information comparable to the investee. The estimate is adjusted for the effect of the non-marketability of the equity securities.	Adjusted multiple (1.0 - 1.6 for 2022 and 0.9 - 1.9 for 2021).	The estimated fair value would increase (decrease) if the adjusted multiple were higher (lower).
	- <i>Discounted cash flows</i>	Discount rate (12% for 2022 and 11% for 2021)	The estimated fair value would increase (decrease) if the discount rate was lower (higher)

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*Reconciliation of Level 3 fair values*

	<b>Consolidated financial statements</b>		<i>(Unit: Million Baht)</i> <b>Separate financial statements</b>	
	2022	2021	2022	2021
<b><i>Investment in non-marketable equity securities</i></b>				
At 1 January	9,517	8,869	761	663
Acquisition/additional investments	414	494	205	-
Fair value adjustment	2,777	(603)	(47)	98
Currency translation differences	297	757	-	-
<b>At 31 December</b>	<b>13,005</b>	<b>9,517</b>	<b>919</b>	<b>761</b>

**(b) *Movement of marketable equity securities***

	<b>Consolidated financial statements</b>		<i>(Unit: Million Baht)</i> <b>Separate financial statements</b>	
	2022	2021	2022	2021
<b><i>Marketable equity securities</i></b>				
<b><i>Current financial assets</i></b>				
Equity securities measured at FVOCI				
At 1 January	3,517	2,552	-	-
Fair value adjustment	99	809	-	-
Currency translation differences	(31)	156	-	-
<b>At 31 December</b>	<b>3,585</b>	<b>3,517</b>	<b>-</b>	<b>-</b>

**(c) *Financial risk management policies***

The Group is exposed to normal business risks from changes in market interest rates and currency exchange rates and from non-performance of contractual obligations by counterparties. The Group does not hold or issue derivative financial instruments for speculative or trading purposes.

Risk management is integral to the whole business of the Group. The Group has a system of controls in place to create an acceptable balance between the cost of risks occurring and the cost of managing the risks. The management continually monitors the Group's risk management process to ensure that an appropriate balance between risk and control is achieved.

**(c.1) *Credit risk***

Credit risk is the risk of financial loss to the Group if a customer or counterparty to a financial instrument fails to meet its contractual obligations and arises principally from the Group's receivables from customers.

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Accounts receivables - trade and others

The Group's exposure to credit risk is influenced mainly by the individual characteristics of each customer. However, management has a credit policy in place and the exposure to credit risk is monitored on an ongoing basis. Credit evaluations are performed on all customers requiring credit facilities and also considers the factors that may influence the credit risk of its customer base, including the default risk associated with the industry and country in which customers operate. Details of concentration of revenue are included in note 24.

The Group limits its exposure to credit risk from trade accounts receivables by establishing a maximum payment period of 3 months. Outstanding trade receivables are regularly monitored by the Group. An impairment analysis is performed by the Group at each reporting date. The provision rates of expected credit loss are based on days past due for groupings of various customer segments with similar credit risks to reflect differences between economic conditions in the past, current conditions and the Group's view of economic conditions over the expected lives of the receivables.

***Expected credit losses***

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2022	2021	2022	2021
Within credit terms	34,310	28,732	2,207	1,774
Overdue 1 - 60 days	6,259	6,143	912	403
Overdue 60 - 120 days	1,178	1,485	19	432
More than 120 days	2,554	3,213	28	835
<b>Total</b>	<b>44,301</b>	<b>39,573</b>	<b>3,166</b>	<b>3,444</b>
Less allowance for expected credit losses	(1,080)	(1,102)	(3)	(19)
<b>Net</b>	<b>43,221</b>	<b>38,471</b>	<b>3,163</b>	<b>3,425</b>

***(c.2) Liquidity risk***

The Group monitors its liquidity risk and maintains a level of cash and cash equivalents deemed adequate by management to finance the Group's operations and to mitigate the effects of fluctuations in cash flows.

The outstanding balance of loans as at 31 December with the periods in which the loans mature were as follows:

	<b>Consolidated financial statements</b>			
	Within 1 year	After 1 year but within 5 years	After 5 years	Total
<b>2021</b>				
Long-term loans to related parties	12	37	-	49
<b>Total</b>	<b>12</b>	<b>37</b>	<b>-</b>	<b>49</b>

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(Unit: Million Baht)

	<b>Separate financial statements</b>			
	Within 1 year	After 1 year but within 5 years	After 5 years	Total
<b>2022</b>				
Short-term loans to related parties	8,020	-	-	8,020
Long-term loans to related parties	540	3,218	-	3,758
<b>Total</b>	<b>8,560</b>	<b>3,218</b>	<b>-</b>	<b>11,778</b>
<b>2021</b>				
Short-term loans to related parties	6,876	-	-	6,876
Long-term loans to related parties	-	570	-	570
<b>Total</b>	<b>6,876</b>	<b>570</b>	<b>-</b>	<b>7,446</b>

The outstanding balance of interest-bearing liabilities as at 31 December with the periods in which those liabilities mature were as follows:

(Unit: Million Baht)

	<b>Consolidated financial statements</b>			
	Within 1 year	After 1 year but within 5 years	After 5 years	Total
<b>2022</b>				
Bank overdrafts and short-term borrowings from financial institutions	94,753	-	-	94,753
Bills of exchange	20,687	-	-	20,687
Short-term borrowings from related parties	1,994	-	-	1,994
Long-term borrowings from financial institutions	46,727	102,678	5,997	155,402
Debentures	19,390	86,678	106,147	212,215
Lease liabilities	4,921	14,612	15,969	35,502
<b>Total</b>	<b>188,472</b>	<b>203,968</b>	<b>128,113</b>	<b>520,553</b>
Other financial liabilities	152	-	-	152
<b>Total</b>	<b>152</b>	<b>-</b>	<b>-</b>	<b>152</b>
<b>2021</b>				
Bank overdrafts and short-term borrowings from financial institutions	70,992	-	-	70,992
Bills of exchange	17,964	-	-	17,964
Short-term borrowings from related parties	1,456	-	-	1,456
Long-term borrowings from financial institutions	27,465	94,942	6,791	129,198
Debentures	11,600	91,259	108,248	211,107
Lease liabilities	4,439	12,652	16,809	33,900
<b>Total</b>	<b>133,916</b>	<b>198,853</b>	<b>131,848</b>	<b>464,617</b>
Other financial liabilities	169	230	-	399
<b>Total</b>	<b>169</b>	<b>230</b>	<b>-</b>	<b>399</b>

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The outstanding balance of interest-bearing liabilities as at 31 December with the periods in which those liabilities mature were as follows: (Continued)

(Unit: Million Baht)

	<b>Separate financial statements</b>			
	Within 1 year	After 1 year but within 5 years	After 5 years	Total
<b>2022</b>				
Bills of exchange	3,545	-	-	3,545
Short-term borrowings from related parties	11,170	-	-	11,170
Long-term borrowings from financial institutions	1,165	1,424	-	2,589
Debentures	9,940	55,154	57,921	123,015
Lease liabilities	182	426	2	610
<b>Total</b>	<b>26,002</b>	<b>57,004</b>	<b>57,923</b>	<b>140,929</b>
Other financial liabilities	1	-	-	1
<b>Total</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>1</b>
<b>2021</b>				
Bills of exchange	8,488	-	-	8,488
Long-term borrowings from financial institutions	683	2,467	-	3,150
Debentures	11,600	48,297	62,843	122,740
Lease liabilities	146	225	-	371
<b>Total</b>	<b>20,917</b>	<b>50,989</b>	<b>62,843</b>	<b>134,749</b>
Other financial liabilities	64	-	-	64
<b>Total</b>	<b>64</b>	<b>-</b>	<b>-</b>	<b>64</b>

Effective interest rate of interest-bearing liabilities excluded borrowings from related parties and debentures were as follows:

(Unit: %)

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2022	2021	2022	2021
Bank overdrafts, bills of exchange and borrowings from financial institutions	4.89	3.31	2.45	1.62
Lease liabilities	6.55	6.57	2.78	3.03

**(c.3) Market risk**

The Group is exposed to normal business risks from changes in market interest rates and currency exchange rates and from non-performance of contractual obligations by counterparties. The Group does not hold or issue derivatives for speculative or trading purposes.



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(c.3.1) Foreign currency risk

The Group is exposed to foreign currency risk relating to purchases and sales of goods which are denominated in foreign currencies. The Group primarily enters into forward exchange contracts to hedge such financial assets and liabilities denominated in foreign currencies including anticipated future purchases and sales of goods denominated in foreign currencies. The forward exchange contracts have maturities of less than 1 year.

At 31 December the Group was exposed to foreign currency risk in respect of financial assets and liabilities denominated in the following currencies:

		<b>Consolidated</b>		<i>(Unit: Million Baht)</i> <b>Separate</b>	
		<b>financial statements</b>		<b>financial statements</b>	
Foreign currency		2022	2021	2022	2021
<b>Accounts receivable - trade and others</b>					
Foreign currencies	Won	-	-	-	2
	Renminbi	1,358	1,340	1,358	1,340
	U.S. Dollar	1,387	1,516	217	144
	Euro	552	368	-	-
	Pound Sterling	23	-	-	3
Forward exchange contracts	Won	-	-	-	2
	Renminbi	1,358	1,340	1,358	1,340
	U.S. Dollar	594	517	217	144
	Euro	-	3	-	-
	Pound Sterling	-	-	-	3
<b>Interest-bearing liabilities</b>					
Foreign currencies	U.S. Dollar	35,313	29,501	2,588	3,185
	Euro	38	164	-	-
Forwards exchange contracts and cross currency swap agreements	U.S. Dollar	30,866	27,577	2,588	3,185
	Euro	-	72	-	-
<b>Accounts payable - trade and others</b>					
Foreign currencies	U.S. Dollar	3,722	2,937	7	6
	Euro	368	602	11	9
	Renminbi	3	-	3	-
Forward exchange contracts	U.S. Dollar	476	271	2	1
	Euro	41	91	11	-
	Renminbi	3	-	3	-
<b>Forecast sales</b>					
Forward exchange contracts	Won	-	70	-	-
	U.S. Dollar	4,701	8,005	546	754
	Pound Sterling	304	392	-	-
	Euro	328	902	-	-
	Renminbi	135	134	135	133

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		(Unit: Million Baht)			
		<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
Foreign currency		<u>2022</u>	<u>2021</u>	<u>2022</u>	<u>2021</u>
<b>Forecast purchases</b>					
Forward exchange	U.S. Dollar	1,445	6,017	269	99
contracts	Euro	570	871	22	-

*Sensitivity analysis*

A reasonably possible strengthening (weakening) of Baht against U.S. dollar at reporting date would have affected the measurement of financial instruments denominated in a foreign currency and affected equity and profit or loss by the amounts shown below. This analysis assumes that all other variables, in particular interest rates, remain constant and ignores any impact of forecast sales and purchases.

		(Unit: Million Baht)			
		<b>Consolidated financial statements</b>			
		<u>Profit or loss</u>		<u>Equity, net of tax</u>	
Movement		<u>Strengthening</u>	<u>Weakening</u>	<u>Strengthening</u>	<u>Weakening</u>
<u>(%)</u>					
<b>At 31 December 2022</b>					
U.S. Dollar	1	69	(69)	174	(174)
<b>At 31 December 2021</b>					
U.S. Dollar	1	70	(70)	(98)	98

		(Unit: Million Baht)			
		<b>Separate financial statements</b>			
		<u>Profit or loss</u>		<u>Equity, net of tax</u>	
Movement		<u>Strengthening</u>	<u>Weakening</u>	<u>Strengthening</u>	<u>Weakening</u>
<u>(%)</u>					
<b>At 31 December 2022</b>					
U.S. Dollar	1	(74)	74	(4)	4
<b>At 31 December 2021</b>					
U.S. Dollar	1	-	-	(24)	24

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(c.3.2) Interest rate risk

Interest rate risk is the risk that future movements in market interest rates will affect the results of the Group's operations and its cash flows. The Group manages the interest rate risk of financial assets and financial liabilities by considering loan to or borrowing from including fixed and floating rate depend on the market situation. However, the interest rates of interest-bearing liabilities of the Group are mainly fixed rate. The Group had the interest rate swap agreements to manage exposure to fluctuations in interest rates on the said liabilities upon the appropriation.

*Cross currency swap agreements*

As at 31 December 2022, the Group and the Company had cross currency swap agreements with the financial institutions to manage exposure of fluctuations in foreign exchange rates and interest rates as follows:

1) The Company had cross currency swap agreements with certain financial institutions for long-term borrowing totalling U.S. Dollar 75 million (2021: U.S. Dollar 95 million). The Company has commitments to make payments for the fixed interest rate in Baht and the counterparty has commitments to make payments in U.S. Dollar for the interest rates refer to LIBOR plus specified rate.

2) A subsidiary had several cross currency swap agreements with a financial institution for long-term borrowings totalling U.S. Dollar 67 million (2021: U.S. Dollar 67 million). The subsidiary has commitments to make payments for the fixed interest rate in Vietnamese Dong and the counterparty has commitments to make payments in U.S. Dollar for the interest rate refer to LIBOR plus specified rate.

*Interest rate swap agreements*

As at 31 December 2022, the Group had interest rate swap agreements with the financial institutions to manage exposure of fluctuations in interest rates as follows:

A subsidiary had several interest rate swap agreements with a financial institution for long-term borrowings totalling U.S. Dollar 1,637 million (2021: U.S. Dollar 1,372 million). The subsidiary has commitments to make payments for the fixed interest rate in U.S. Dollar and the counterparty has commitments to make payments in U.S. Dollar for the interest rate refer to LIBOR and SOFR.

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**(c.4) Cash flow hedges**

The Group adopts hedge accounting for some derivatives which meet the condition of cash flow hedges instruments and determines the hedge ratio by considering the relationship of the relevant transactions and risk factors between hedged items and hedging instruments.

The Group determined hedge effectiveness at the inception of the hedge relationship, and through periodic effectiveness assessments, to ensure that an economic relationship exists between the hedged items and hedging instruments. Ineffectiveness may arise from the effect of the counterparties' and the Group's own credit risk on the fair value of the foreign exchange contracts and/or the interest swaps, which are not reflected in the change in the fair value of the hedged cash flows attributable to the change in exchange rates and/or interest rate, throughout the differences in the timing of the hedged transactions and/or the differences in repricing dates between the swaps and the borrowings.

As at 31 December, the Group and the Company had the cash flow hedge reserve presented in other comprehensive income comprising financial instruments as follows:

	<b>Consolidated financial statements</b>	<i>(Unit: Million Baht)</i> <b>Separate financial statements</b>
<b>2022</b>		
Financial assets	117	2
Financial liabilities	2,748	3
<b>Total</b>	<b>2,865</b>	<b>5</b>
<b>2021</b>		
Financial assets	(16)	(3)
Financial liabilities	(211)	(51)
<b>Total</b>	<b>(227)</b>	<b>(54)</b>

**31 Capital management**

The objectives of the Group's capital management are to safeguard the Group's ability to continue as a going concern in order to provide returns to the Group's shareholders and benefits to other stakeholders. The management sets strategies to support the Group's operations for more efficiency, and better performances and stronger financial status, including dividend and capital management policies to maintain the optimal capital structure and cost of capital.

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**32 Commitments with non-related parties**

As at 31 December the Group had commitments with non-related parties as follows:

**32.1 Capital commitments**

	<b>Consolidated financial statements</b>		<i>(Unit: Million Baht)</i> <b>Separate financial statements</b>	
	<b>2022</b>	<b>2021</b>	<b>2022</b>	<b>2021</b>
<i>Contracted but not provided for</i>				
Land, buildings and constructions	3,664	3,541	-	-
Machinery, equipment and others	5,511	5,293	11	170
<b>Total</b>	<b>9,175</b>	<b>8,834</b>	<b>11</b>	<b>170</b>

**32.2 Other commitments**

- (a) The Company had a Cooperative Technical agreement with Maejo University (the “university”) whereby the university allowed the Company to use its land and constructions thereon in developing shrimp ponds and as the research and training center which will be terminated as at 31 December 2025. Under the terms of the agreements, the Company is committed to pay total annual compensation of Baht 2.2 million and to transfer the ownership of the project property to the university at the expiration of the agreements. The net book value of the Company’s assets in respect to the agreement as at 31 December 2022 totalling Baht 15 million (2021: Baht 15 million).
- (b) The Company and certain subsidiaries had commitments with financial institutions for letters of guarantee issued by the financial institutions in favour of government agencies and others totalling Baht 11 million and Baht 193 million, respectively (2021: Baht 11 million and Baht 874 million, respectively). The letters of guarantee are principally covering the guarantee for sale of goods, taxes and duties.

**32.3 Letters of credit**

Certain subsidiaries had commitments under the issued letters of credit totalling Baht 1,994 million (2021: Baht 2,658 million).

**32.4 Contingent liabilities**

Certain foreign subsidiaries have commitments with foreign financial institutions for letters of financial guarantees issued for the customers in feed business of those subsidiaries totalling Baht 116 million (2021: Baht 253 million).

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**33 Event after the reporting period**

- 33.1 On 31 January 2023, CPF (Thailand) Public Company Limited (“CPFTH”) issued unsubordinated and unsecured debentures No. 1/2023 in registered name and with debenture holder representative totalling Baht 10,000 million, a term of 5-10 years and bearing interest at the fixed rate of 3.20% - 4.00% per annum.

The debentures had credit rating of “A+” rated by TRIS Rating Co., Ltd. on 31 March 2022 and CPFTH registered the debentures with the Thai Bond Market Association on 31 January 2023.