SUMMARY OF THE SIGNIFICANT CONSOLIDATED ACCOUNTING POLICIES

OF SIRMA GROUP HOLDING
AS AT 31.12.2021

Sirma Group Holding

1. Basis for the preparation of the consolidated financial statements

The consolidated financial statements of the Group have been prepared in accordance with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB) and approved by the European Union (IFRS, as adopted by the EU). The term “IFRS, as adopted by the EU” has the meaning of paragraph 1, subparagraph 8 of the Additional provisions of Bulgarian Accountancy Act, which is International Accounting Standards (IAS) adopted in accordance with Regulation (EC) 1606/2002 of the European Parliament and of the Council.

The consolidated financial statements are presented in Bulgarian leva (BGN), which is also the functional currency of the parent company. All amounts are presented in thousand Bulgarian levs (BGN‘000) (including comparative information for 2020) unless otherwise stated.

2. Changes in accounting policies

2.1. New standards adopted as at 1 January 2021

The Group has adopted the new accounting pronouncements which have become effective this year, and are as follows:

- IFRS 4 Insurance Contracts – deferral of IFRS 9 effective from 1 January 2021 adopted by the EU

- IFRS 9, IAS 39, IFRS 7, IFRS 4 and IFRS 16 Interest Rate Benchmark Reform – Phase 2 effective from 1 January 2021 adopted by the EU

- IFRS 16 Leases: Covid-19- Related Rent Concessions beyond 30 June 2021 effective from 1 April 2021 adopted by the EU. 3.2.

2.2. Standards, amendments and interpretations to existing standards that are not yet effective and have not been adopted early by the Group

As of the date of approval of these financial statements, new standards, amendments and interpretations to existing standards have been published, but have not entered into force or have not been adopted by the EU for the financial year beginning on 1 January 2021 and have not been applied from an earlier date by the company. Management expects all standards and amendments to be adopted in the company's accounting policy in the first period beginning after the date of their entry into force.

- Amendments IFRS 3 Business Combinations, IAS 16 Property, Plant and Equipment IAS 37 Provisions, Contingent Liabilities and Contingent Assets effective from 1 January 2022 adopted by the EU

- Annual Improvements 2018-2020 effective from 1 January 2022 adopted by the EU

- IFRS 17 “Insurance Contracts” effective from 1 January 2023, adopted by the EU

- Amendments to IAS 1 Presentation of Financial Statements: Classification of Liabilities as Current or Non-current effective from 1 January 2023 not yet adopted by the EU

- Amendments to IAS 1 Presentation of Financial Statements and IFRS Practice Statement

2: Disclosure of Accounting policies effective from 1 January 2023 not yet adopted by the EU

- Amendments to IAS 8 Accounting policies, Changes in Accounting Estimates and Errors: Definition of Accounting Estimates effective from 1 January 2023 not yet adopted by the EU

- Amendments to IAS 12 Income Taxes: Deferred Tax related to Assets and Liabilities arising from a Single Transaction effective from 1 January 2023 not yet adopted by the EU

- Amendments to IFRS 17 Insurance contracts: Initial Application of IFRS 17 and IFRS 9 – Comparative Information effective from 1 January 2023 not yet adopted by the EU

- Amendments to IFRS 14 “Regulatory deferral accounts” effective from 1 January 2016, not yet adopted by the EU.

3. Summary of accounting policies

3.1. Overall considerations

The significant accounting policies that have been used in the preparation of these consolidated financial statements are summarized below.

The consolidated financial statements have been prepared using the measurement bases specified by IFRS for each type of asset, liability, income and expense. The measurement bases are more fully described in the accounting policies below.

It should be noted that accounting estimates and assumptions are used for the preparation of the consolidated financial statements. Although these estimates are based on management's best knowledge of current events and actions, actual results may ultimately differ from those estimates.

3.2. Presentation of consolidated financial statements

The consolidated financial statements are presented in accordance with IAS 1 “Presentation of Financial Statements”. The Group has elected to present the consolidated statement of profit or loss and other comprehensive income in one statement.

Two comparative periods are presented for the consolidated statement of financial position when the Group applies an accounting policy retrospectively, makes a retrospective restatement of items in its consolidated financial statements, or reclassifies items in the consolidated financial statements and this has a material impact on the consolidated statement of financial position at the beginning of the preceding period.

3.3. Basis of consolidation

The Group’s financial statements consolidate those of the parent company and all of its subsidiaries as of 31 December 2021. Subsidiaries are firms under the control of the Group. The Group controls an investee when it is exposed, or has rights, to variable returns from its involvement with the investee and has the ability to affect those returns through its power over the investee. All subsidiaries have a reporting date of 31 December.

All transactions and balances between Group companies are eliminated on consolidation, including unrealized gains and losses on transactions between Group companies. Where unrealized losses on intra-group asset sales are reversed on consolidation, the underlying asset is also tested for impairment from a group perspective. Amounts reported in the financial statements of subsidiaries have been adjusted where necessary to ensure consistency with the accounting policies adopted by the Group.

Profit or loss and other comprehensive income of subsidiaries acquired or disposed of during the year are recognized from the effective date of acquisition, or up to the effective date of disposal, as applicable.

Non-controlling interests, presented as part of equity, represent the portion of a subsidiary's profit and loss and net assets that is not held by the Group. The Group attributes total comprehensive income or loss of subsidiaries between the owners of the parent and the non-controlling interests based on their respective ownership interests.

When the Group ceases to have control of a subsidiary, any retained interest in the entity is re-measured to its fair value, with the change in carrying amount recognized in profit or loss. The fair value of any investment retained in the former subsidiary at the date of loss of control is considered to be the fair value on initial recognition of a financial asset in accordance with IFRS 9 “Financial Instruments” or, where appropriate, the cost of initial recognition of an investment. in an associate or jointly controlled entity. In addition, any amounts previously recognized in other comprehensive income in respect of that entity are accounted for as if the Group had directly disposed of the related assets or liabilities (i.e. reclassified to profit or loss or transferred directly to retained earnings as specified by applicable IFRSs).

The profit or loss on disposal is calculated as the difference between i) the aggregate of the fair value of the consideration received and the fair value of any retained interest and ii) the previous carrying amount of the assets including goodwill and liabilities of the subsidiary and any non-controlling interest.

3.4. Business combinations

Business combinations are accounted for using the acquisition method. The consideration transferred by the Group to obtain control of a subsidiary is calculated as the sum of the acquisition-date fair values of assets transferred, liabilities incurred and the equity interests issued by the Group. The consideration transferred includes the fair value of any asset or liability resulting from a contingent consideration arrangement. Acquisition-related costs are expensed as incurred.

The acquisition method involves the recognition of the object of acquisition's identifiable assets and liabilities, including contingent liabilities, regardless of whether they were recorded in the financial statements prior to acquisition. On initial recognition, the assets and liabilities of the acquired subsidiary are included in the consolidated statement of financial position at their fair values, which are also used as the bases for subsequent measurement in accordance with the Group's accounting policies.

On an acquisition-by-acquisition basis, the Group recognizes any non-controlling interest in the object of acquisition that is present ownership interests and entitles their holders to a proportionate share of the entity’s net assets in the event of liquidation either at fair value or at the non-controlling interest’s proportionate share of the object of acquisition’s net assets. Other types of non-controlling interests are measured at fair value or, when applicable, on the basis specified in another IFRS.

Goodwill is stated after separate recognition of identifiable intangible assets. It is calculated as the excess of the sum of a) fair value of consideration transferred, b) the recognized amount of any non-controlling interest in the object of acquisition and c) acquisition-date fair value of any existing equity interest in the object of acquisition, over the acquisition-date fair values of identifiable net assets. If the fair value of any identifiable net assets exceed the sum calculated above, the excess amount (i.e. gain on a bargain purchase) is recognized in profit or loss immediately.

When a business combination is achieved in stages, the Group's previously held equity interest in the acquire is re-measured to fair value at the acquisition date (i.e. the date when the Group obtains control) and the resulting gain or loss, if any, is recognized in profit or loss. Amounts arising from interests in the object of acquisition prior to the acquisition date that have been previously recognized in other comprehensive income are reclassified to profit or loss where such treatment would be appropriate if the interest were disposed of.

If the initial accounting for a 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 which cannot exceed one year from the acquisition date or additional assets or liabilities are recognized to reflect new information obtained about facts and circumstances that existed at the acquisition date that, if known, would have affected the amounts recognized at that date.

Any contingent consideration to be transferred by the acquirer is measured at fair value at the acquisition date and included as part of the consideration transferred in a business combination. Subsequent changes to the fair value of the contingent consideration which is deemed to be an asset or liability, is recognized in accordance with IFRS 9 "Financial Instruments" either in profit or loss or as a change to other comprehensive income. If the contingent consideration is classified as equity, it is not re-measured until it is finally settled within equity. Changes in the fair value of the contingent consideration that qualify as measurement period adjustments are adjusted retrospectively, with corresponding adjustments against goodwill.

3.5. Transactions with non-controlling interest

Changes in the Group's ownership interests in subsidiaries that do not result in the Group losing control over the subsidiaries are treated as transactions with equity owners of the Group. The carrying amounts of the Group's interests and the non-controlling interests are adjusted to reflect the changes in their relative interests in the subsidiaries. Any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received is recognized directly in equity and attributed to owners of the parent company.

3.6. Investments in associates and joint ventures

Associates are those entities over which the Group is able to exert significant influence but which are neither subsidiaries nor interests in a joint venture. Investments in associates are initially recognized at cost and subsequently accounted for using the equity method. The cost of the investment includes transaction costs.

Any goodwill or fair value adjustment attributable to the Group's share in the associate is included in the amount recognized as investment in associates.

All subsequent changes to the Group's share of interest in the equity of the associate are recognized in the carrying amount of the investment. Changes resulting from the profit or loss generated by the associate are reported within "Share of profit/ (loss) from equity accounted investments" in profit or loss. These changes include subsequent depreciation, amortization or impairment of the fair value adjustments of assets and liabilities.

Changes resulting from other comprehensive income of the associate or items recognized directly in the associate's equity are recognized in other comprehensive income or equity of the Group, as applicable. However, when the Group's share of losses in an associate equals or exceeds its interest in the associate, including any unsecured receivables, the Group does not recognize further losses, unless it has incurred legal or constructive obligations or made payments on behalf of the associate. If the associate subsequently reports profits, the investor resumes recognizing its share of those profits only after its share of the profits exceeds the accumulated share of losses that has previously not been recognized.

Unrealized gains and losses on transactions between the Group and its associates and joint ventures are eliminated to the extent of the Group's interest in those entities. Where unrealized losses are eliminated, the underlying asset is also tested for impairment losses from a group perspective.

Amounts reported in the financial statements of associates and jointly controlled entities have been adjusted where necessary to ensure consistency with the accounting policies of the Group.

Upon loss of significant influence over the associate, the Group measures and recognizes any retaining investment at its fair value. Any difference between the carrying amount of the associate upon loss of significant influence and the sum of the fair value of the retaining investment and proceeds from disposal is recognized in profit or loss.

If the ownership interest in an associate is reduced but significant influence is retained, only a proportionate share of the amounts previously recognized in other comprehensive income are reclassified to profit or loss where appropriate.

3.7. Foreign currency translations

Foreign currency transactions are translated into the functional currency, using the exchange rates prevailing at the dates of the transactions (spot exchange rate as published by the Bulgarian National Bank). Foreign exchange gains and losses resulting from the settlement of such transactions and from the re-measurement of monetary items at year-end exchange rates are recognized in profit or loss.

Non-monetary items measured at historical cost are translated using the exchange rates at the date of the transaction (not retranslated). Non-monetary items measured at fair value are translated using the exchange rates at the date when fair value was determined.

The functional currency of the entities in the Group has remained unchanged during the reporting period.

On consolidation, assets and liabilities have been translated into BGN at the closing rate at the reporting date. Income and expenses have been translated into the Group's presentation currency at the average rate over the reporting period. Exchange differences are charged/credited to other comprehensive income and recognized in the currency translation reserve in equity. On disposal of a foreign operation, the related cumulative currency differences recognized in equity are reclassified to profit or loss and are recognized as part of the gain or loss on disposal. Goodwill and fair value adjustments arising on the acquisition of a foreign entity have been treated as assets and liabilities of the foreign entity and translated into BGN at the closing rate.

Bulgarian lev is pegged to the euro at the exchange rate of 1 EUR = 1.95583 BGN.

3.8. Segment reporting

Management determines the operating segments based on the main products and services provided by the Group.

The operating segments in the group are the following: Intelligent Evolution of Enterprises, Financial segment and System Integration. Each of these operating segments is managed separately, as different technologies, resources and marketing approaches are used for each product line. All transactions between the segments are carried out at the prices of corresponding transactions between independent parties.

The measurement policies the Group uses for segment reporting under IFRS 8 "Operating Segments" are the same as those used in its consolidated financial statements, except that:

- post-employment benefit expenses;
- R&D costs relating to new business activities; and

which are not included in arriving at the operating profit of the operating segments.

In addition, Group assets which are not directly attributable to the business activities of any operating segment are not allocated to a segment.

Information about the results of the separate segments that is regularly reviewed by the chief operating decision maker does not include isolated unrepeated events. Financial income and costs are also not included in the results of operating segments which are regularly reviewed by persons, which are responsible for operating decision making.

There have been no changes from prior periods in the measurement methods used to determine reported segment profit or loss. No asymmetrical allocations have been applied between segments.

3.9. Revenue

The basic revenue generated by the Group is related to sale of products and servies, interest revenue, revenue from participations, revenue from financing and other revenue.

To determine whether to recognise revenue, the Group follows a 5-step process:

1 Identifying the contract with a customer
2 Identifying the performance obligations
3 Determining the transaction price
4 Allocating the transaction price to the performance obligations
5 Recognising revenue when/as performance obligation(s) are satisfied.

Revenue is recognised either at a point in time or over time, when (or as) the Group satisfies performance obligations by transferring the promised goods or services to its customers.

The Group recognises contract liabilities for consideration received in respect of unsatisfied performance obligations and reports these amounts as other liabilities in the consolidated statement of financial position. Similarly, if the Group satisfies a performance obligation before it receives the consideration, the Group recognises either a contract asset or a receivable in its statement of financial position, depending on whether something other than the passage of time is required before the consideration is due.

The Group often enters into transactions involving a range of the Group's products and services, for example for the delivery of telecommunications hardware, software and related after-sales service.

In all cases, the total transaction price for a contract is allocated amongst the various performance obligations based on their relative stand-alone selling prices. The transaction price for a contract excludes any amounts collected on behalf of third parties.

3.9.1. Revenue recognized over time

Hardware and software

Revenue from the sale of hardware and software for a fixed fee is recognised when or as the Group transfers control of the assets to the customer. Invoices for goods or services transferred are due upon receipt by the customer.

For stand-alone sales of telecommunications hardware and/or software that are neither customised by the Group nor subject to significant integration services, control transfers at the point in time the customer takes undisputed delivery of the goods. When such items are either customised or sold together with significant integration services, the goods and services represent a single combined performance obligation over which control is considered to transfer over time. This is because the combined product is unique to each customer (has no alternative use) and the Group has an enforceable right to payment for the work completed to date. Revenue for these performance obligations is recognised over time as the customisation or integration work is performed, using the cost-to-cost method to estimate progress towards completion. As costs are generally incurred uniformly as the work progresses and are considered to be proportionate to the entity's performance, the method, taking into account the invested resources, most accurately reflects the transfer of goods and services to the customer.

For sales of software that are neither customised by the Group nor subject to significant integration services, the licence period commences upon delivery. For sales of software subject to significant customisation or integration services, the licence period begins upon commencement of the related services. The Group's has a customer loyalty incentive programme. Revenue from the material right is recognised on the earlier of the date the points are redeemed by the customer and the date on which they expire. The Group provides a basic 1-year product warranty on its telecommunications hardware whether sold on a stand-alone basis or as part of an integrated telecommunications system. Under the terms of this warranty customers can return the product for repair or replacement if it fails to perform in accordance with published specifications. These warranties are accounted for under IAS 37.

After-Sales Services

The Group enters into fixed price maintenance and extended warranty contracts with its customers for terms between one and three years in length. Customers are required to pay in advance for each twelve-month service period and the relevant payment due dates are specified in each contract.

- Maintenance contracts – The Group enters into agreements with its customers to perform regularly scheduled maintenance services on telecommunications hardware purchased from the Group. Revenue is recognised over time based on the ratio between the number of hours of maintenance services provided in the current period and the total number of such hours expected to be provided under each contract. This method best depicts the transfer of services to the customer because: (a) details of the services to be provided are specified by management in advance as part of its published maintenance program, and (b) the Group has a long history of providing these services to its customers, allowing it to make reliable estimates of the total number of hours involved in providing the service.

Consulting and IT Services

The Group provides consulting services relating to the design of telecommunications systems strategies and IT security. Revenue from these services is recognised on a time-and-materials basis as the services are provided. Customers are invoiced weekly as work progresses. Any amounts remaining unbilled at the end of a reporting period are presented in the consolidated statement of financial position as accounts receivable as only the passage of time is required before payment of these amounts will be due.

The Group also provides IT outsourcing services including payroll and accounts payable transaction processing to customers in exchange for a fixed monthly fee. Revenue is recognised on a straight-line basis over the term of each contract. As the amount of work required to perform under these contracts does not vary significantly from month-to-month, the straight-line method provides a faithful depiction of the transfer of goods or services.

Construction of telecommunication systems

The Group enters into contracts for the design, development and installation of telecommunication systems in exchange for a fixed fee and recognises the related revenue over time. Due to the high degree of interdependence between the various elements of these projects, they are accounted for as a single performance obligation. When a contract also includes promises to perform after-sales services, the total transaction price is allocated to each of the distinct performance obligations identifiable under the contract on the basis of its relative stand-alone selling price.

To depict the progress by which the Group transfers control of the systems to the customer, and to establish when and to what extent revenue can be recognised, the Group measures its progress towards complete satisfaction of the performance obligation by comparing actual hours spent to date with the total estimated hours required to design, develop, and install each system. The hours-to-hours basis provides the most faithful depiction of the transfer of goods and services to each customer due to the Group's ability to make reliable estimates of the total number of hours required to perform, arising from its significant historical experience constructing similar systems.

In addition to the fixed fee, some contracts include bonus payments which the Group can earn by completing a project in advance of a targeted delivery date. At inception of each contract the Group begins by estimating the amount of the bonus to be received using the "most likely amount" approach. This amount is then included in the Group's estimate of the transaction price only if it is highly probable that a significant reversal of revenue will not occur once any uncertainty surrounding the bonus is resolved. In making this assessment the Group considers its historical record of performance on similar contracts, whether the Group has access to the labour and materials resources needed to exceed the agreed-upon completion date, and the potential impact of other reasonably foreseen constraints.

Most such arrangements include detailed customer payment schedules. When payments received from customers exceed revenue recognised to date on a particular contract, any excess (a contract liability) is reported in the consolidated statement of financial position under other liabilities.

The construction of telecommunication systems normally takes 10–12 months from commencement of design through to completion of installation. As the period of time between customer payment and performance will always be one year or less, the Group applies the practical expedient in IFRS 15.63 and does not adjust the promised amount of consideration for the effects of financing.

In obtaining these contracts, the Group incurs a number of incremental costs, such as commissions paid to sales staff. As the amortisation period of these costs, if capitalised, would be less than one year, the Group makes use of the practical expedient in IFRS 15.94 and expenses them as they incur.

3.9.2. Revenue recognized at a point of time

Sale of goods

The sale of goods includes the sale of goods in the field of computer equipment, office equipment and software. Revenue is recognized when the Company has transferred control of the goods to the buyer. Control is considered to be transferred to the buyer when the customer has accepted the goods without objection.

Revenue from the sale of goods in the field of computer equipment, office equipment and software, which are not bound by a contract for future service support, is recognized at the time of delivery. When the goods require adaptation to the customer's needs, modification or implementation, the Company applies a method for measuring the invested resources.

Sale of services

Revenue from software services is recognized when control of the benefits of the services provided is transferred to the user of the services. Revenue is recognized over time based on the execution of individual performance obligations.

In recognizing the revenue from the service provided, the company applies a method that takes into account the resources invested.

3.9.3. Interest and dividend revenue

Interest revenue is related to rendering of deposits and loans. It is reported on an ongoing basis using the effective interest method.

Dividend revenue is recognized at the time the right to receive payment occurs.

3.9.4. Revenue from financing

Initially financing is recognized as deferred income when there is significant certainty as to whether the Group will receive financing and will fulfil any associated requirements. Financing received to cover current expenditure is recognized in the period when the respective expenses were incurred. Financing received to cover capital expenditure for non-current assets is recognized in line with the depreciation charges accrued for the period.

Grants provided by the state (funding, government grants) represent assistance received from the government, government agencies and other similar authorities in the form of transfers of resources to the Group in exchange for future compliance with certain conditions regarding its operational activities. Grants provided by the state can be related to assets and related to revenues.

Grants awarded by the government are recognized on reasonable assurance that the Group will meet the conditions attached to them and that the assistance will be received.

The Group has met the conditions and requirements for the payment of compensation under these measures to maintain employment. Revenue from government assistance is recognized in the consolidated statement of profit or loss and of comprehensive income under “Other income”.

3.9.5. Contract assets and liabilities

The Group recognises contract assets and/ or liabilities when one of the parties in the contract has fulfilled its obligations depending on the relationship between the business of the Group and the payment by the client. The Group presents separately any unconditional right to remuneration as a receivable. The receivable is the unconditional right of the Group to receive remuneration.

A contract liability is presented in the statement of financial position where a customer has paid an amount of consideration prior to the entity performing by transferring the related good or service to the customer.
The Group recognises contract assets when performance obligations are satisfied, and payment is not due on behalf of the client. A contract asset is the right of a Group to receive remuneration in exchange for the goods or services that the Group has transferred to a customer.

Subsequent the Group measures a contract asset in accordance with IFRS 9 Financial Instruments.

3.10. Operating expenses

Operating expenses are recognised in profit or loss upon utilization of the service or as incurred.

The Group recognises two types of contract costs related to the execution of contracts for the supply of services/ goods/ with customer: incremental costs of obtaining a contract and costs to fulfil a contract. Where costs are not eligible for deferral under IFRS 15, they are recognised as current expenses at the time they arise, such as they are not expected to be recovered, or the deferral period is up to one year.

The following operating expenses are always recognised as current expenses at the time of their occurrence:

- General and administrative costs (unless those costs that are chargeable to the customer);
- Costs of wasted materials;
- Costs that relate to satisfied performance obligation;
- Costs for which the Group cannot distinguish whether the costs relate to unsatisfied performance obligation or to satisfied performance obligation.

3.11. Interest expenses and borrowing costs

Interest expenses are reported on an accrual basis using the effective interest method.

Borrowing costs primarily comprise interest on the Group's borrowings. Borrowing costs directly attributable to the acquisition, construction or production of a qualifying asset are capitalized during the period of time that is necessary to complete and prepare the asset for its intended use or sale. Other borrowing costs are expensed in the period in which they are incurred and reported in “Finance costs”.

3.12. Goodwill

Goodwill represents the future economic benefits arising from a business combination that are not individually identified and separately recognized. See note 4.4 for information on how goodwill is initially determined. Goodwill is carried at cost less accumulated impairment losses. For the purposes of impairment testing, goodwill is allocated to each of the Group’s cash-generating units (or groups of cash-generating units) that is expected to benefit from the synergies of the combination, irrespective of whether other assets or liabilities of the object of acquisition are assigned to those units. Refer to note 4.16 for a description of impairment testing procedures.

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

3.13. Intangible assets

Intangible assets include development products resulting from R&D, software products, software module rights, acquisition costs of intangible assets and others. They are accounted for using the cost model. The cost comprises of its purchase price, including any import duties and non-refundable purchase taxes, and any directly attributable expenditure on preparing the asset for its intended use, whereby capitalized costs are amortized on a straight line basis over their estimated useful lives, as these assets are considered finite. If an intangible asset is acquired in a business combination, the cost of that intangible asset is based on its fair value at the date of acquisition.

After initial recognition, all finite-lived intangible assets are carried at their cost less any accumulated amortization and any accumulated impairment losses. Impairment losses are recognized in the consolidated statement of profit or loss/statement as profit or loss and other comprehensive income for the respective period.

Subsequent expenditure on an intangible asset after its purchase or its completion is expensed as incurred unless it is probable that this expenditure will enable the asset to generate future economic benefits in excess of its originally assessed standard of performance and this expenditure can be measured reliably and attributed to the asset. If these two conditions are met, the subsequent expenditure is added to the carrying amount of the intangible asset.

Residual values and useful lives are reviewed by the management at each reporting date.

Amortization is calculated using the straight-line method over the estimated useful life of individual assets as follows:

- Software 5-20 years
- Others 2-20 years

Amortization has been included within the consolidated report for profit and loss and other income in the line "Amortization of non-financial assets" .

Expenditure on research (or the research phase of an internal project) is recognized as an expense in the period in which it is incurred.

Costs that are directly attributable to the development phase of an intangible asset are capitalized provided they meet the following recognition requirements:

- completion of the intangible asset is technically feasible so that it will be available for use or sale;
- the Group intends to complete the intangible asset and use or sell it;
- the Group has the ability to use or sell the intangible asset;
- the intangible asset will generate probable future economic benefits. Among other things, this requires that there is a market for the output from the intangible asset or for the intangible asset itself, or, if it is to be used internally, the asset will be used in generating such benefits;
- there are adequate technical, financial and other resources to complete the development and to use or sell the intangible asset; and
- the expenditure attributable to the intangible asset during its development can be measured reliably.

Development costs for non-material assets not meeting these criteria for capitalization are recognized as expenses when incurred.

Directly attributable costs to the development phase include wage and social security costs, external service costs and depreciation costs. Internally generated intangible assets are subject to the same subsequent measurement method as externally acquired intangible assets. However, until completion of the development project, the assets are subject to impairment testing only as described below in note 4.16.

The profit or loss arising on the disposal of an intangible asset is determined as the difference between the proceeds and the carrying amount of the asset, and is recognized in the consolidated report as profit or loss within "Profit/(Loss) on sale of non-current assets".

The recognition threshold adopted by the Group for other intangible assets amounts to BGN 700.

3.14. Property, plant and equipment

Items of property, plant and equipment are initially measured at cost, which comprises its purchase price and any directly attributable costs of bringing the asset to working condition for its intended use.

After initial recognition, the property, plant and equipment is carried at a revalued amount, being its fair value at the date of the revaluation less any subsequent accumulated depreciation and subsequent accumulated impairment losses. Impairment losses are charged against revaluation reserve if no expenses have been incurred before that. Impairment losses are recognized in the consolidated statement of profit or loss/statement of profit or loss and other comprehensive income for the respective period.

Subsequent expenditure relating to an item of property, plant and equipment is added to the carrying amount of the asset when it is probable that this expenditure will enable the asset to generate future economic benefits in excess of the its originally assessed standard of performance. All other subsequent expenditure is recognized as incurred.

Material residual value estimates and estimates of useful life are updated as required, but at least annually, whether or not the asset is revalued.

Property, plant and equipment acquired under finance lease agreement, are depreciated based on their expected useful life, determined by reference to comparable assets or based on the period of the lease contract, if shorter.

Depreciation is calculated using the straight-line method over the estimated useful life of individual assets as follows:

- Buildings 50 years
- Machines 3-8 years
- Vehicles 4 years
- Fixtures & Fittings 7.5 years
- IT equipment 2-5 years
- Others 7.5 years

Depreciation has been included in the consolidated statement of profit or loss statement and other comprehensive income within “Amortization of non-financial assets”.

Gains or losses arising on the disposal of property, plant and equipment are determined as the difference between the disposal proceeds and the carrying amount of the assets and are recognized in the consolidated statement of profit or loss and other comprehensive income within “Profit/(Loss) on sale of non-current assets”.

The recognition threshold adopted by the Group for property, plant and equipment amounts to BGN 700.

3.15. Leases

The Group as a lessee

For any new contracts the Group considers whether a contract is, or contains a lease. A lease is defined as ‘a contract, or part of a contract, that conveys the right to use an asset (the underlying asset) for a period of time in exchange for consideration'. To apply this definition the Group assesses whether the contract meets three key evaluations which are whether:

- the contract contains an identified asset, which is either explicitly identified in the contract or implicitly specified by being identified at the time the asset is made available to the Group
- the Group has the right to obtain substantially all of the economic benefits from use of the identified asset throughout the period of use, considering its rights within the defined scope of the contract
- the Group has the right to direct the use of the identified asset throughout the period of use.

The Group assesses whether it has the right to direct ‘how and for what purpose' the asset is used throughout the period of use.

Measurement and recognition of leases as a lessee

At lease commencement date, the Group recognises a right-of-use asset and a lease liability on the consolidated statement of financial position. The right-of-use asset is measured at cost, which is made up of the initial measurement of the lease liability, any initial direct costs incurred by the Group, an estimate of any costs to dismantle and remove the asset at the end of the lease, and any lease payments made in advance of the lease commencement date (net of any incentives received).

The Group depreciates the right-of-use assets on a straight-line basis from the lease commencement date to the earlier of the end of the useful life of the right-of-use asset or the end of the lease term. The Group also assesses the right-of-use asset for impairment when such indicators exist.

At the commencement date, the Group measures the lease liability at the present value of the lease payments unpaid at that date, discounted using the interest rate implicit in the lease if that rate is readily available or the Group’s incremental borrowing rate.

To determine the incremental borrowing rate, the Company uses the applicable interest rate from the last financing from third parties, adjusted in order to reflect the changes in the financing conditions that occurred after the last financing.

Lease payments included in the measurement of the lease liability are made up of fixed payments (including in substance fixed), variable payments based on an index or rate, amounts expected to be payable under a residual value guarantee and payments arising from options reasonably certain to be exercised.

After initial measurement, the liability is reduced for payments made and increased for interest. It is re-measured to reflect any reassessment or modification, or if there are changes in in-substance fixed payments.

When the lease liability is re-measured, the corresponding adjustment is reflected in the right-of-use asset, or profit and loss if the right-of-use asset is already reduced to zero.

The Group has chosen to account for short-term leases and leases of low-value assets using the practical expedients provided by the Standard. Instead of recognising a right-of-use asset and lease liability, the payments in relation to these are recognised as an expense in profit or loss on a straight-line basis over the lease term.

On the consolidated statement of financial position, right-of-use assets have been included in property, plant and equipment and lease liabilities have been included in trade and other payables / as a separate line item.

Extension and termination options are included in several property and equipment leases at the Group. They are used to increase operational flexibility regarding the management of assets used in the operations of the Group. Most owned extension and termination options are exercised only by the Group and not by the respective lessor.

The Group as a lessor

The Group's accounting policy under IFRS 16 has not changed from the comparative period.

As a lessor the Group classifies its leases as either operating or finance leases.

A lease is classified as a finance lease if it transfers substantially all the risks and rewards incidental to ownership of the underlying asset and classified as an operating lease if it does not.

3.16. Impairment testing of goodwill, intangible assets and property, plant and equipment

For the purposes of assessing impairment, assets are grouped at the lowest levels for which there are largely independent cash inflows (cash-generating units). As a result, some assets are tested individually for impairment and some are tested at cash-generating unit level. Goodwill is allocated to those cash-generating units that are expected to benefit from synergies of the related business combination and represent the lowest level within the Group at which management monitors goodwill.

Cash-generating units to which goodwill has been allocated are tested for impairment at least annually. All other individual assets or cash-generating units are tested for impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable.

An impairment loss is recognized for the amount by which the asset's or cash-generating unit's carrying amount exceeds its recoverable amount, which is the higher of fair value less costs to sell and value-in-use. To determine the value-in-use, management estimates expected future cash flows from each cash-generating unit and determines a suitable interest rate in order to calculate the present value of those cash flows. The data used for impairment testing procedures are directly linked to the Group's latest approved budget, adjusted as necessary to exclude the effects of future reorganizations and asset enhancements. Discount factors are determined individually for each cash-generating unit and reflect their respective risk profiles as assessed by management.

Impairment losses for cash-generating units reduce first the carrying amount of any goodwill allocated to that cash-generating unit. Any remaining impairment loss is charged pro rata to the other assets in the cash-generating unit. With the exception of goodwill, all assets are subsequently reassessed for indications that an impairment loss previously recognized may no longer exist. An impairment charge is reversed if the cash-generating unit's recoverable amount exceeds its carrying amount.

3.17. Financial instruments

3.17.1. Recognition and de-recognition

Financial assets and financial liabilities are recognised when the Group becomes a party to the contractual provisions of the financial instrument.

Financial assets are derecognised when the contractual rights to the cash flows from the financial asset expire, or when the financial asset and substantially all the risks and rewards are transferred.

A financial liability is derecognised when it is extinguished, discharged, cancelled or expires.

3.17.2. Classification and initial measurement of financial assets

Financial assets are initially measured at fair value, adjusted for transaction costs, except for financial assets at fair value through profit or loss and trade receivables that do not contain a significant financial component. The initial measurement of financial assets at fair value through profit or loss is not adjusted with transaction costs that are reported as current expenses. The initial measurement of trade receivables that do not contain a significant financial component represents the transaction price in accordance with IFRS 15.

Depending on the method of subsequent measurement, financial assets are classified into the following categories:

- Debt instruments at amortised cost;
- Financial assets at fair value through profit or loss (FVTPL);
- Financial assets at fair value through other comprehensive income (FVOCI) with or without reclassification in profit or loss, depending on whether they are debt or equity instruments.

The classification is determined by both:

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

All income and expenses relating to financial assets that are recognised in profit or loss are presented within finance costs, finance income or other financial items, except for impairment of trade receivables which is presented within other expenses in the consolidated statement of profit or loss and other comprehensive income.

3.17.3. Subsequent measurement of financial assets

The percentages of expected losses are based on the sales payment profiles as well as the corresponding historical credit losses incurred during this period. Historical loss values are adjusted to reflect current and projected information about macroeconomic factors that affect customers' ability to settle receivables. The company has determined the GDP and the unemployment rate of the countries in which it sells its goods and services as the most important factors and accordingly adjusts the historical losses based on the expected changes in these factors.

Financial assets at amortised cost

Financial assets are measured at amortised cost if the assets meet the following conditions and are not designated as FVTPL:

- they are held within a business model whose objective is to hold the financial assets and collect its contractual cash flows;
- the contractual terms of the financial assets give rise to cash flows that are solely payments of principal and interest on the principal amount outstanding.

This category includes non-derivative financial assets like loans and receivables with fixed or determinable payments that are not quoted in an active market. After initial recognition, these are measured at amortised cost using the effective interest method. Discounting is omitted where the effect of discounting is immaterial. The Group's cash and cash equivalents, trade and most other receivables fall into this category of financial instruments.

- Trade receivables

Trade receivables are amounts due from customers for goods or services sold in the ordinary course of business. Typically, they are due to be settled within a short timeframe and are therefore classified as current. Trade receivables are initially recognized at amortized cost unless they contain significant financial components. The Group holds trade receivables for the purpose of collecting the contractual cash flows and therefore measures them at amortized cost using the effective interest method. Discounting is omitted where the effect of discounting is immaterial.

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

Financial assets that are held within a different business model than "hold to collect" or "hold to collect and sell", and financial assets whose contractual cash flows are not solely payments of principal and interest are accounted for at FVTPL. All derivative financial instruments fall into this category, except for those designated and effective as hedging instruments, for which the hedge accounting requirements apply (see below).

This category also contains an equity investment. The Group accounts for the investment at FVTPL and did not make the irrevocable choice to account for the investment in daughter companies using fair value through other comprehensive income.

Assets in this category are measured at fair value with gains or losses recognised in profit or loss. The fair values of financial assets in this category are determined by reference to active market transactions or using a valuation technique where no active market exists.

3.17.4. Impairment of financial assets

IFRS 9's new impairment requirements use more forward-looking information to recognise expected credit losses – the "expected credit loss" (ECL) model. This replaces IAS 39's "incurred loss model".

Instruments within the scope of the new requirements included loans and other debt-type financial assets measured at amortised cost/ FVOCI, trade receivables, contract assets recognised and measured under IFRS 15 and loan commitments and some financial guarantee contracts (for the issuer) that are not measured at fair value through profit or loss.

Recognition of credit losses is no longer dependent on the Group first identifying a credit loss event. Instead the Group considers a broader range of information when assessing credit risk and measuring expected credit losses, including past events, current conditions, reasonable and supportable forecasts that affect the expected collectability of the future cash flows of the instrument.

In applying this forward-looking approach, a distinction is made between:

- financial instruments that have not deteriorated significantly in credit quality since initial recognition or that have low credit risk (Stage 1) and
- financial instruments that have deteriorated significantly in credit quality since initial recognition and whose credit risk is not low (Stage 2)
- Stage 3 would cover financial assets that have objective evidence of impairment at the reporting date.

"12-month expected credit losses" are recognised for the first category while "lifetime expected credit losses" are recognised for the second category. Expected credit losses are determined as the difference between all contractual cash flows attributable to the Group and the cash flows it is actually expected to receive ("cash shortfall"). This difference is discounted at the original effective interest rate (or credit adjusted effective interest rate).

Measurement of the expected credit losses is determined by a probability-weighted estimate of credit losses over the expected life of the financial instrument.

Trade and other receivables, contract assets and finance lease receivables

The Group makes use of a simplified approach in accounting for trade and other receivables as well as contract assets and records the loss allowance as lifetime expected credit losses. These are the expected shortfalls in contractual cash flows, considering the potential for default at any point during the life of the financial instrument. In calculating, the Group uses its historical experience, external indicators and forward-looking information to calculate the expected credit losses.

The Group allows 50% for amounts that are 180 to 365 days overdue and 100% for amounts that are more than 365 overdue.

3.17.5. Classification and measurement of financial liabilities

The Group's financial liabilities include borrowings, lease liabilities, trade and other payables and derivative financial instruments.

Financial liabilities are initially measured at fair value, and, where applicable, adjusted for transaction costs unless the Group designated a financial liability at fair value through profit or loss.

Subsequently, financial liabilities are measured at amortised cost using the effective interest method except for derivatives and financial liabilities designated at FVTPL, which are carried subsequently at fair value with gains or losses recognised in profit or loss (other than derivative financial instruments that are designated and effective as hedging instruments).

The Group has designated some financial liabilities at FVTPL to reduce significant measurement inconsistencies between investment properties in the United States and related US-dollar bank loans with fixed interest rates. These investment properties are measured using the fair value model, with changes in the fair value recognised in profit or loss. The fair value of loans used to finance these assets correlates significantly with the valuation of the investment properties held by the Group, because both measures are highly reactive to the market interest rate for 30-year government bonds. The loans are managed and evaluated on a fair value basis through a quarterly management review in comparison with the investment property valuations. Therefore, the Group designates such fixed interest rate loans as at FVTPL if they are secured by specific investment property assets that are held by the Group. This accounting policy reduces significantly what would otherwise be an accounting mismatch.

All interest-related charges and, if applicable, changes in an instrument's fair value that are reported in profit or loss are included within finance costs or finance income.

3.18. Inventory

Inventory includes raw materials, work in progress and goods. Cost of inventories includes all expenses directly attributable to the purchase or manufacturing process, recycling and other direct expenses connected to their delivery as well as suitable portions of related production overheads, based on normal operating capacity. Financing costs are not included in the cost of the inventories. At the end of every accounting period, inventories are carried at the lower of cost and net realizable value. The amount of impairment of inventories to their net realizable value is recognized as an expense for the period of impairment.

Net realizable value is the estimated selling price of the inventories less any applicable selling expenses. In case inventories have already been impaired to their net realizable value and in the following period the impairment conditions are no longer present, than the new net realizable value is adopted. The reversal amount can only be up to the carrying amount of the inventories prior to their impairment. The reversal of the impairment is accounted for as decrease in inventory expenses for the period in which the reversal takes place.

The Group determines the cost of inventories by using the weighted average cost.

When inventories are sold, the carrying amount of those inventories is expensed in the period in which the related revenue is recognized.

3.19. Income taxes

Tax expense recognized in profit or loss comprises the sum of deferred tax and current tax not recognized in other comprehensive income or directly in equity.

Current income tax assets and/or liabilities comprise those obligations to, or claims from, fiscal authorities relating to the current or prior reporting periods, that are unpaid at the reporting date. Current tax is payable on taxable profit, which differs from profit or loss in the financial statements. Calculation of current tax is based on tax rates and tax laws that have been enacted or substantively enacted by the end of the reporting period.

Deferred income taxes are calculated using the liability method on temporary differences between the carrying amounts of assets and liabilities and their tax bases. However, deferred tax is not provided on the initial recognition of goodwill or on the initial recognition of an asset or liability unless the related transaction is a business combination or affects tax or accounting profit. Deferred tax on temporary differences associated with shares in subsidiaries and joint ventures is not provided if reversal of these temporary differences can be controlled by the Group and it is probable that reversal will not occur in the foreseeable future.

Deferred tax assets and liabilities are calculated, without discounting, at tax rates that are expected to apply to their respective period of realization, provided they are enacted or substantively enacted by the end of the reporting period.

Deferred tax liabilities are always provided for in full.

Deferred tax assets are recognized to the extent that it is probable that they will be able to be utilized against future taxable income. For management's assessment of the probability of future taxable income to utilize against deferred tax assets, see note 4.25.2.

Deferred tax assets and liabilities are offset only when the Group has a right and intention to set off current tax assets and liabilities from the same taxation authority.

Changes in deferred tax assets or liabilities are recognized as a component of tax income or expense in profit or loss, except where they relate to items that are recognized in other comprehensive income or directly in equity, in which case the related deferred tax is also recognized in other comprehensive income or equity, respectively.

3.20. Cash and cash equivalents

Cash and cash equivalents comprise cash in hand, cash in bank accounts and others.

3.21. Non-current assets and liabilities classified as held for sale and discontinued operations

When the Group intends to sell a non-current asset or group of assets (disposal group) and if the sale is very likely to take place within 12 months, the asset or disposal group is classified as held for sale and presented separately in the consolidated statement of financial position. condition.

Liabilities are classified as held for sale and presented as such in the consolidated statement of financial position only if they are directly attributable to the disposal group.

Assets classified as held for sale are measured at the lower of their carrying amount immediately after their determination as held for sale and their fair value less costs to sell. Certain assets held for sale, such as financial assets or deferred tax assets, continue to be measured in accordance with the Group's accounting policies for these assets. Assets classified as held for sale are not depreciated after they are classified as held for sale.

3.22. Equity and reserves

Share capital represents the nominal value of shares that have been issued by the parent company.

Share premium includes any premiums received on issue of share capital. Any transaction costs associated with the issuing of shares are deducted from share premium, net of any related income tax benefits.

Other reserves include the legal reserves and translation reserves.

Retained earnings include all current and prior period retained profits and uncovered losses.

Dividend payables to shareholders are included in “Related party payables” when the dividends have been approved at the general meeting of shareholders prior to the reporting date.

All transactions with owners of the parent company are recorded separately in the consolidated report within equity.

3.23. Post-employment benefits and short-term employee benefits

The Group reports short-term payables relating to unutilized paid leaves, which shall be compensated in case it is expected the leaves to occur within 12 months after the end of the accounting period during which the employees have performed the work related to those leaves. The short-term payables to personnel include wages, salaries and related social security payments.

In accordance with Labor Code requirements, in case of retirement, after the employee has gained the legal right of pension due to years of services and age, the Group is obliged to pay him/her compensation at the amount of up to six gross wages. The Group has reported a liability by law for the payment of retirement compensation in accordance with IAS 19 “Employee Benefits”. The amount is based on forecasts made for the next five years, discounted with the long-term income percentage of risk free securities.

The Group has not developed and implemented post-employment benefit plans.

Net interest expense related to pension obligations is included in “Finance costs” in profit or loss report. Service cost on the net defined benefit liability is included in “Employee benefits expense”.

Short-term employee benefits, including holiday entitlement, are current liabilities included in “Pension and other employee obligations”, measured at the undiscounted amount that the Group expects to pay as a result of the unused entitlement.

3.24. Provisions, contingent liabilities and contingent assets

Provisions are recognized when present obligations as a result of a past event will probably lead to an outflow of economic resources from the Group and amounts can be estimated reliably. Timing or amount of the outflow may still be uncertain. A present obligation arises from the presence of a legal or constructive commitment that has resulted from past events, for example, product warranties granted, legal disputes or onerous contracts. Restructuring provisions are recognized only if a detailed formal plan for the restructuring has been developed and implemented, or management has at least announced the plan's main features to those affected by it. Provisions are not recognized for future operating losses.

Provisions are measured at the estimated expenditure required to settle the present obligation, based on the most reliable evidence available at the reporting date, including the risks and uncertainties associated with the present obligation. Where there are a number of similar obligations, the likelihood that an outflow will be required in settlement is determined by considering the class of obligations as a whole. Provisions are discounted to their present values, where the time value of money is material.

Any reimbursement that the Group can be virtually certain to collect from a third party with respect to the obligation is recognized as a separate asset. However, this asset may not exceed the amount of the related provision.

All provisions are reviewed at each reporting date and adjusted to reflect the current best estimate.

In those cases where the possible outflow of economic resources as a result of present obligations is considered improbable or remote, no liability is recognized, unless it was assumed in the course of a business combination (see note 4.4). In a business combination contingent liabilities are recognized in the course of the allocation of the purchase price to the assets and liabilities acquired in the business combination. They are subsequently measured at the higher amount of a comparable provision as described above and the amount initially recognized, less any amortization.

Possible inflows of economic benefits to the Group that do not yet meet the recognition criteria of an asset are considered contingent assets.

3.25. Significant management judgement in applying accounting policies

The following are significant management judgements in applying the accounting policies of the Group that have the most significant effect on the consolidated financial statements. Critical estimation uncertainties are described in note 4.26.

3.25.1. Internally generated intangible assets and research costs

Management monitors progress of internal research and development projects by using a project management system. Significant judgement is required in distinguishing research from the development phase. Development costs are recognized as an asset when all the criteria are met, whereas research costs are expensed as incurred.

To distinguish any research-type project phase from the development phase, it is the Group's accounting policy to also require a detailed forecast of sales or cost savings expected to be generated by the intangible asset. The forecast is incorporated into the Group's overall budget forecast as the capitalization of development costs commences. This ensures that managerial accounting, impairment testing procedures and accounting for internally-generated intangible assets is based on the same data.

The Group's management also monitors whether the recognition requirements for development costs continue to be met. This is necessary as the economic success of any product development is uncertain and may be subject to future technical problems after the time of recognition.

3.25.2. Deferred tax assets

The assessment of the probability of future taxable income in which deferred tax assets can be utilized is based on the Group's latest approved budget forecast, which is adjusted for significant non-taxable income and expenses and specific limits to the use of any unused tax loss or credit. The tax rules in the numerous jurisdictions in which the Group operates are also carefully taken into consideration. If a positive forecast of taxable income indicates the probable use of a deferred tax asset, especially when it can be utilized without a time limit, that deferred tax asset is usually recognized in full. The recognition of deferred tax assets that are subject to certain legal or economic limits or uncertainties is assessed individually by management based on the specific facts and circumstances.

3.25.3. Lease term

In determining the lease term, management takes into account all the facts and circumstances that create an economic incentive to exercise the option of extension or not to exercise the option of termination. Extension options (or periods after termination options) are included in the lease term only if it is reasonably certain that the lease is extended (or not terminated).

3.25.4. Recognition of deferred taxes on assets and liabilities arising from leases

When an asset and liability arise as a result of a lease that results in recognition of a taxable temporary difference related to the right of use asset and equal deductible temporary difference on the lease liability, this results in a net temporary difference in the amount of zero. Therefore, the Group does not recognize deferred taxes in respect of those leases, to the extent that, within the useful life of the asset and the maturity of the liability, the net tax effects will be zero. However, deferred tax will be recognized when temporary differences arise in subsequent periods, provided that the general conditions for recognizing tax assets and liabilities under IAS 12 are met.

3.26. Estimation of uncertainty

When preparing the consolidated financial statements management undertakes a number of judgements, estimates and assumptions about recognition and measurement of assets, liabilities, income and expenses.

The actual results may differ from the judgements, estimates and assumptions made by management, and will seldom equal the estimated results.

In the preparation of the presented consolidated financial statements the significant judgments of the management in applying the accounting policies of the Group and the main sources of uncertainty of the accounting estimates do not differ from those disclosed in the annual financial statements of the Group as at 31 December 2020, except for the changes in the estimate of income tax expense obligations and the newly adopted IFRS 16.

Information about significant judgements, estimates and assumptions that have the most significant effect on recognition and measurement of assets, liabilities, income and expenses are discussed below.

3.26.1. Impairment of non-financial assets and goodwill

An impairment loss is recognized for the amount by which the asset's or cash-generating unit's carrying amount exceeds its recoverable amount, which is the higher of fair value less costs to sell and value-in-use. To determine the value-in-use, management estimates expected future cash flows from each cash-generating unit and determines a suitable interest rate in order to calculate the present value of those cash flows (see note 4.16). In the process of measuring expected future cash flows management makes assumptions about future operating results. These assumptions relate to future events and circumstances. The actual results may vary, and may cause significant adjustments to the Group's assets within the next financial year.

In most cases, determining the applicable discount rate involves estimating the appropriate adjustment to market risk and the appropriate adjustment to asset-specific risk factors.

3.26.2. Useful lives of depreciable assets

Management reviews the useful lives of depreciable assets at each reporting date.

At 31 December 2021 management assesses that the useful lives represent the expected utility of the assets to the Group. The carrying amounts are analysed in note 10 and 11. Actual results, however, may vary due to technical obsolescence, particularly relating to software and IT equipment.

3.26.3. Inventory

Inventories are measured at the lower of cost and net realizable value. In estimating net realizable values, management takes into account the most reliable evidence available at the times the estimates are made. The Group's core business is subject to technology changes which may cause selling prices to change rapidly.

3.26.4. Measurement of expected credit loss

Credit losses are the difference between all contractual cash flows due to the Group and all cash flows that the Group expects to receive. Expected credit losses are a probability-weighted estimate of credit losses that require the Group’s judgment. Expected credit losses are discounted at the original effective interest rate (or the credit-adjusted effective interest rate for purchased or initially created financial assets with credit impairment).

3.26.5. Defined benefit liabilities

Management estimates the defined benefit liability annually with the assistance of independent actuaries; however, the actual outcome may vary due to estimation uncertainties. The estimate of its defined benefit liability BGN 356 thousand (2020: BGN 320 thousand) is based on standard rates of inflation, medical cost trends and mortality. It also takes into account the Group's specific anticipation of future salary increases. Discount factors are determined close to each year-end by reference to high quality corporate bonds that are denominated in the currency in which the benefits will be paid and that have terms to maturity approximating to the terms of the related pension liability. Estimation uncertainties exist particularly with regard to actuarial assumptions, which may vary and significantly impact the defined benefit obligations and the annual defined benefit expenses.

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