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Almac Group Limited
Annual report and financial statements
for the year ended 30 September 2021

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Almac Group Limited

Annual report and financial statements for the year ended 30 September 2021

Contents

			Page(s)
Directors and advisers	: .	. :	1
Group strategic report		•	2 - 7
Directors' report			8 - 11
Statement of directors' responsibilities in respect of the financ	ial statements		12
Independent auditors' report to the members of Almac Group	Limited		13 - 15
Group income statement			16
Group statement of comprehensive income	. 1 :		17
Group and parent company statements of changes in equity			18
Group balance sheet			. 19
Parent company balance sheet			. 20 .
Group cash flow statement			21
Parent company cash flow statement	•		22
Notes to the financial statements		:	23 - 68

Directors and advisers

Directors

A D Armstrong C Hayburn S Campbell N Harkin

Company secretary

C Hayburn

Registered office

Almac House 20 Seagoe Industrial Estate Craigavon BT63 5QD

Solicitors

Carson McDowell LLP Murray House 4 Murray Street Belfast BT1 6DN

Bankers

Danske Bank Donegall Square West Belfast BT1 6JS

Bank of America 100 Federal Street Boston MA 02110 United States of America

Wells Fargo Bank N.A. Meetinghouse Business Center 2240 Butler Pike Plymouth Meeting PA 19462 United States of America

Independent auditors

PricewaterhouseCoopers LLP
Chartered Accountants and Statutory Auditors
Merchant Square
20-22 Wellington Place
Belfast
BT1 6GE

The directors present their strategic report for the group and the parent company for the year ended 30 September 2021.

Principal activities and review of the business

Almac Group Limited is a private limited company incorporated and registered in the United Kingdom and limited by shares. The company is domiciled in Northern Ireland. The parent company's registered office is detailed on page 1.

The parent company is a holding investment company and it also provides significant operational and other support functions to the Almac group of companies.

The activities of the group extend across drug discovery, API development and manufacture, analytical services, diagnostic services, pharmaceutical development, all areas of clinical trials support, interactive response technologies and the manufacture and commercialisation of pharmaceutical products. The group provides world-class integrated research and development support and an unparalleled range of services to customers, including the market leaders, within the pharmaceutical and biotechnology sectors.

The group's strategy is to create shareholder value by investing for the long term and by positioning the group to be the leader in its chosen markets. The performance for the year under review reflects further sustained progress towards achieving this long term objective and at the same time maintaining the group's strong balance sheet.

Performance and position

The Group's profit before income tax for the year is £80,782,394 (2020: £63,549,574). The Group's profit after income tax is £64,205,719 (2020: £52,866,741). Net assets of the group are £549,028,952 (2020: £489,602,133).

The Company's loss after income tax is £8,243,347 (2020: loss of £5,495,056). Net assets of the Company are £152,702,010 (2020: £160,945,357).

The Group's strategy of creating shareholder value through continued investment helped deliver an improvement in profitability in 2021. This was achieved across a range of business units within the group by a combination of revenue growth and margin improvement including a better mix of business from higher margin revenue streams. The Covid-19 pandemic presented many operational challenges across the group again in 2021 but also provided a range of commercial opportunities across our Clinical Services, Technologies and Sciences divisions supporting our customers through the clinical development of Covid-19 vaccines and treatments.

Investment in Almac's global footprint has diversified our business, strengthened our customer proposition and supported growth in key segments. In 2021 this was demonstrated with robust growth in our businesses in Ireland and the US. The improvement in the underlying trading performance of the Group along with sound working capital management produced strong net cash generation for the year.

No dividends were paid in 2021 or up until the date of signing the financial statements, with all net profits being retained, thus growing the net asset base of the group.

Key performance indicators ("KPIs")

The directors consider that, given the nature of the group's operations, the KPIs are growth in revenue, earnings before interest, tax, depreciation, amortisation and research and development expenditure ("EBITDA before research and development expenditure") and employee numbers. These are reviewed on a regular basis within the operating companies.

		2021	2020
Growth in revenue	•	+9%	+6%
EBITDA before research and development expenditure	•	£136,650,197	£112,556,286
Employee numbers		5,783	5,466

Principal risks and uncertainties

The management of the business and the execution of the group and company's strategy (refer to page 8 and 9 of the Directors' Report) are subject to a number of risks. The principal issues are discussed below:

Competition

The Group operates in competitive global markets and aims to provide excellent products and services at competitive prices. These factors are continually reviewed in each business to ensure appropriate margins are being realised and that the quality of service and products is of the highest standard and consistently improving. Quality systems are maintained according to current good manufacturing practice and international quality standards.

Underlying market growth trends are positive, and we enjoy many longstanding customer relationships which we continue to nurture.

To maintain our competitive position and provide capacity for future growth the group continues to invest in additional facilities, new technologies and service offerings.

Employees

The group's performance is largely dependent on its staff and therefore the reliance on key individuals together with the continuing ability to attract people with relevant experience and skills are important factors in ensuring the success of the Group. To mitigate these risks, the Group has training, learning and development programmes in place and has implemented a number of incentive schemes linked to the group's performance that are designed to retain key individuals and provide attractive long-term career opportunities. We continue to evolve our approach to recruitment and retention and in 2021 introduced a new bonus scheme ensuring that all Almac employees can share in the performance of the group. Further information on employee engagement in disclosed within our Section 172 statement below.

Supply chain

Other risks faced are product availability and the fluctuation in prices of both raw materials and consumables. The security of product supply is monitored by the businesses on an ongoing basis with regular reviews of such key factors as supplier financial strength, product quality, service levels and alternate sources of supply. The group's continual review of market prices provides some protection from the potentially adverse impact of volatility in raw material prices.

Section 172 (1) Statement

In accordance with section 172 (1) of the Companies Act 2006 (the Act), each of the company's directors (both individually and collectively) act in a way in which they actively promote the success of the company for the benefit of its members as a whole and the company's wider role in the community. The company's directors take account of, among other matters, the requirements set out in section 172(1) (a) – (f) of the Companies Act 2006 including:

- the likely consequences of any decision in the long term;
- · the interests of the company's employees;
- the need to foster the company's business relationships with suppliers, customers and others;
- the impact of the company's operations on the community and the environment;
- the desirability of the company maintaining a reputation for high standards of business conduct; and
- the need to act fairly between members of the company.

The directors of the company acknowledge that the long-term and short-term success of the company is dependent upon their engagement with all of its stakeholders including the company's employees, customers, suppliers, regulators, and the wider community. The directors are mindful that this engagement is required in order to make informed decisions at board level.

Section 172 (1) Statement (continued)

The below table sets out the steps taken by the directors of the company to engage with each of the aforementioned groups, the purpose / aim of that engagement, and the results and benefits of the engagements.

Engagement with Stakeholders

Stakeholder Group	Engagement
Employees Almac Group currently employs	Each business unit within the Group hosts monthly Employee Forums whereby employees can directly raise any concerns or issues through
approximately 6,000 people. The directors recognise that in order to provide continued long-term success for the company and its	nominated representatives with senior management and the directors. Meeting minutes are shared Group-wide and follow up actions are allocated to the relevant Departments in the company.
stakeholders, the company must provide a happy, balanced and safe work environment. People are Almac's core asset. Individually and collectively people are critical	 Almac grants a range of special recognition awards to employees who demonstrate a commitment to the goals and vision of Almac. These awards include ACE Awards ("Almac Celebrates Excellence") and Long Service Awards.
to the success of our vision. We recognize excellence and acknowledge that to empower our employees, we need to invest in	 In 2021 Almac introduced a group wide bonus scheme thereby ensuring that all Almac employees can share in the performance of the group and/or their operating division.
their continuous development.	4. In 2021 Almac introduced a new policy on hybrid working across the group providing many employees with the opportunity to adopt a blended approach of working from home and coming to work on site.
	5. The directors recognise that people are our core asset and are committed to the health and well-being of all our employees. #All4Health is Almac's comprehensive programme for employee health and well-being, designed to support the mental, physical and financial health of all our employees. This programme is supported by Almac's #All4Health WellHub platform which provides access to a wide range of supporting tools and materials.
	 The group employs a dedicated Pastoral Care Manager to maintain a Pastoral Care Service for employee personal wellbeing. Employees can reach out 24/7 on a confidential basis to discuss any wellbeing issues.
	7. The directors arrange annual "fun days" across all Almac sites in recognition of our employee's contribution and in acknowledgement of the importance of positive employee relationships. Unfortunately, these were suspended due to the Covid-19 pandemic, however the directors intend to implement again in the future as soon as it is safe to do so.
	 Almac operates a Performance Management Programme (PMP) which facilitates direct and meaningful engagement between employees and line managers. Yearly training goals are set, and analysed annually to ensure continued employee progression and one-to-one communication on development.

Section 172 (1) Statement (continued)

Customers

Almac Group provides services to over 600 companies in the pharmaceutical industry. The directors are mindful of the need to actively deliver the company's unique culture of delivering exceptional service solutions for its customers in a manner which is mutually beneficial whilst maintaining a reputation for high standards of business conduct. We are committed to understanding and exceeding our customers' needs and expectations. We build relationships based on integrity, responsiveness and excellent communication..

- Customer surveys are performed by an Almac Market Insights team to ensure that Almac's service offering is constantly evolving and stays consistent with our customers' long-term requirements and expectations.
- 2. Almac, through dedicated Quality Assurance Departments across its divisions, facilitates on-site client audits of its global facilities to ensure that customers are confident that Almac performs its services in accordance with all laws and regulatory requirements. In 2021, Almac ensured that remote / online audits including live virtual site tours were offered to clients to ensure continuity of onsite audits during the Covid-19 pandemic.
- 3. Almac's Corporate and Legal Affairs Department works very closely with all customers to ensure that the key corporate policies of Almac and its customers (such as anti-bribery, modern slavery, sustainability and environmental policies) are aligned. Almac engages with its customers' Legal Teams on its customers' own policies and, where appropriate, these policies are included in underlying legal agreements with Customers.
- 4. The Directors, through engagement with its own Business Development and Project Teams have established a detailed Project Governance Structure which ensures frequent and meaningful engagement with customers on a more operational / project management level in respect of specific work packages and projects. The individual project governance structure can vary from Customer to Customer however at a high level this includes regular project meetings and KPI reporting.

Suppliers

The directors of the company recognise that the company's supply chain is an extension of the company's own business. Accordingly, the company aims to maintain a positive and strong relationship with its suppliers and to ensure sufficient controls are in place to ensure the company can continue to provide customer service at a very high level.

- 1. The directors recognise that suppliers to Almac are an extension of Almac's own service offering to its customers. Almac has a culture of fostering long term, quality and cost-effective relationships with its suppliers and this is reflected in Almac's extensive Procurement Departments for its business units, each with its own detailed Standard Operating Procedures relevant to its service offering and each of which reports into a Central Procurement Department.
- Almac carries out regular and appropriately detailed audits and inspections of the broad range of suppliers to Almac. Where necessary, Almac works closely with suppliers to ensure all remedial actions are implemented quickly.
- 3. Almac's Corporate and Legal Affairs Department works closely with the suppliers to ensure that Almac's ethical policies such as modern slavery and anti-bribery are acknowledged and adopted by its suppliers.

Section 172 (1) Statement (continued)

Community

Almac is part of the wider community and the directors are conscious that the actions of Almac have a bearing on the community and environment. Almac is committed to minimising its impact on the environment and supporting the community through long term commitments and initiatives.

- I. The Directors established the Almac Charity Committee, which implements the charitable goals of Almac each year. In addition to discretionary donations to charities chosen by employees and directors, the Charity Committee also supports applications for funding from employees undertaking individual fundraising activities. In 2021, Almac donated funds to local and international charities in line with our charity and community policies.
- Almac maintains and continually reviews environmental and sustainability policies. Almac has undertaken to meet significant environmental goals including a commitment to monitor and minimise single-use plastics both within its supply chain and for internal use as far as is practicably possible.
- 3. In July 2021 Almac Group published its first Corporate Social Responsibility Report. The report is publicly available to all stakeholders on the Almac website and will be published annually going forward. Our first report covers group activities under the following headings:
 - a. Advancing global human health;
 - Advancing R&D in drug discovery;
 - c. Advancing our values & our people; and
 - d. Advancing our impact in communities.
- 4. Almac completes an annual Global HSE Annual Report to demonstrate our approach to minimising risk and ensuring the health and safety of our employees, clients and visitors. In addition, we share details of our waste management and energy usage across our facilities.
- 5. The directors are committed to the fundamental issues facing society. In 2021 the Board reaffirmed and strengthened their commitment to diversity, non-discrimination and equal opportunity which was shared with our employees. Diversity training was rolled out in 2021 with the support of third party consultants.

Regulators

The company operates in a highly regulated industry and the directors are mindful of the strict legal and regulatory requirements in relation to which the company must comply.

Each business unit within Almac engages in an open and cooperative way with all of the regulatory bodies, statutory authorities and all other local and international government agencies governing its respective area of business. Almac is audited and certified as required by law with the Medicines and Healthcare products Regulatory Agency (MHRA), the U.S. Food & Drug Administration (FDA), the Health Products Regulatory Authority (HPRA) and other agencies. Almac has dedicated Quality Assurance Departments to ensure compliance, and such compliance is reported directly to the Board.

Future developments

The group intends to continue its commitment to research and development and capital investment to provide innovative solutions and services to its customers. The group has committed to an ambitious programme of capital investment.

There are many challenges facing the pharmaceutical and biotech markets with the introduction of new technologies and the emergence of new global competitors. The group believes it is well positioned to meet these future challenges and opportunities within this changing marketplace.

Environment

The group recognises its corporate responsibility to carry out its operations whilst ensuring that there is minimal environmental impact. The directors' continued aim is to comply with all applicable environmental legislation, prevent pollution and reduce waste wherever possible.

Health and safety

The group is committed to achieving the highest practicable standards in health and safety management and strives to make all sites and offices safe environments for employees and customers alike.

This report was approved by the board and signed on its behalf.

N Harkin **Director**

20 January 2022

The directors present their annual report and the audited financial statements of the group and the parent company for the year ended 30 September 2021. A review of the business, position at the year end and future developments are detailed in the group's strategic report and included in this report by cross reference.

Financial risk management

The group's operations expose it to a variety of financial risks that include market risk (including price risk and interest rate risk), foreign exchange risk, credit risk and liquidity risk. The group has in place a risk management programme that seeks to limit the adverse effects on the financial performance of the group by monitoring the foregoing risks and ensuring that the balance sheet strength is maintained at all times.

Price risk

The group does not have a major exposure to commodity price risk as a result of its operations and is not exposed to equity securities price risk as it holds no listed investments.

Interest rate risk

The group's interest rate risk arises from borrowings which are a combination of overdrafts, bank borrowings, term loans, loans from related parties and lease liabilities. Interest bearing assets consist of short-term bank deposits. Borrowings at variable rates expose the group to cash flow interest rate risk. Borrowings at fixed rates expose the group to fair value interest rate risk. The group manages these risks by a mixture of variable interest rates on overdrafts, bank borrowings and loans from related parties linked to LIBOR (and subsequently to SONIA following changes in the banking industry and the phasing out of LIBOR) or UK Bank of England base rate and fixed rate interest on the group's finance lease liabilities. The interest rates are monitored on a regular basis with reference to movements in global interest rates and the potential impact upon the group's cost of borrowing. Further commentary is provided in note 3.

Foreign exchange risk

Whilst the main part of the group's revenues and expenses are denominated in UK pounds sterling, the group is exposed to foreign exchange risk in the normal course of business, principally on sales in US dollars and investment in its overseas operations, principally in the USA. Group policy is to minimise the exposure of overseas subsidiaries to transaction risk by matching local currency income and costs, and also to minimise exposure to movement in foreign exchange rates through the introduction of the use of spot and forward contracts during the year.

Credit risk

The group has implemented policies that require appropriate credit checks on potential customers before sales are made. Credit control assesses the credit quality of the customer, taking into account its financial position, past experience and other factors. The amount of exposure to individual customers is subject to a limit, which is reassessed regularly by the Board of Directors ('Board'). Credit risk also arises from cash and cash equivalents with banks and financial institutions. Banking arrangements are reviewed and regularly reassessed by the board.

Liquidity risk

Prudent liquidity risk management implies maintaining sufficient cash and the availability of funding through an adequate amount of committed credit facilities. Management monitors rolling forecasts of the group's liquidity reserve on the basis of expected cash flow. In addition, the group's liquidity management policy involves projecting cash flows in major currencies and considering the level of liquid assets necessary to meet these; monitoring balance sheet liquidity ratios against internal and external regulatory requirements; and maintaining debt financing plans.

Dividends

The overriding objectives of the Almac Group are to:

- Strategically develop and expand a world class Group of companies operating in the Pharmaceutical and Biotech sectors; and
- Adhere to the healthcare objectives of The McClay Foundation, thereby protecting the legacy of the Group's Founder,
 Sir Allen McClay, and his vision for the Foundation and its charitable purposes.

Dividends (continued)

Those objectives are reflected in the Strategic Goals adopted by Almac which include, amongst others:

- continued ownership of the group by The McClay Foundation;
- continuing group wide innovation;
- achievement of best-in-class business offerings;
- maintaining and improving profit margins; and
- cultivating a desirable place to work.

In order to achieve its objectives and meet those strategic goals, Almac has developed ambitious capital and research and development programmes requiring significant on-going investment in its trading subsidiaries and the R&D programmes they are engaged in. That investment is funded primarily by bank borrowings and the reinvestment of all profits generated from the group's trading activities back into Almac and its subsidiaries. As a consequence, no dividends were paid during the year (2020: £nil) and the directors do not recommend payment of a final dividend (2020: £nil).

Energy and carbon reporting

In line with the 'Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018' and related accompanying government guidance 'Environmental Reporting Guidelines: Including Streamlined Energy and Carbon Reporting requirements: March 2019', the group presents details of its carbon and energy usage.

In line with the associated regulations and guidance, the group has only provided consolidated reporting for companies meeting the Companies Act definition of a 'large' company and where annual energy consumption is greater than 40,000 kWh. In addition, under the associated regulations and guidance, reporting for foreign subsidiaries is not required.

Accordingly, the following report is based on the energy and carbon usage of Almac Group Limited, Almac Sciences Limited, Galen Limited, Almac Clinical Services Limited and Almac Pharma Services Limited. The activities of these companies include the manufacturing, packing and distribution of pharmaceutical product, storage and logistics service and the provision of custom synthesis services on a range of chemicals for customers.

	Current reporting year 1 Oct 2020 - 30 Sep 2021	Prior reporting year 1 Oct 2019 - 30 Sep 2020
	UK	UK
Energy Consumption used to calculate emissions (kWh)	94,050,144	89,560,040
Scope 1 - Emissions in metric tonnes CO2e		
Total Scope 1 Emissions from activities which the group owns or controls	9,956	9,372
Total Scope 2 Emissions from purchase of electricity purchased for own use	8,897	9,438
Total gross Scope 1 & Scope 2 emissions in metric tonnes CO2e	18,853	18,810
Intensity Ratio tCO2e (gross Scope 1 + 2)		
Tonnes CO2e / UK employee	6.0	6.5
Scope 3 - Emissions in metric tonnes CO2e		
Total Scope 3 Emissions from business travel by means not owned or controlled by the group	100	100

Energy and carbon reporting (continued)

Methodology

To determine emissions for the year ended 30 September 2021, the company used a methodology compliant with the Greenhouse Gas ('GHG') Protocol and incorporated the 2021 UK Government GHG conversion factors for green-house gas reporting.

Gas, biomethane and electricity consumption was based on actual data, obtained from supplier invoices, meter readings and online supplier portal data dependent on the specific arrangements and circumstances of each subsidiary. Transport fuel consumption was obtained from fuel provider reports. The collected consumption data is then converted into greenhouse gas emissions associated with each activity using annually updated emission factors from the UK Government.

Energy efficiency measures

During the year Almac continued to engage with stakeholders including customers, suppliers and employees regarding our commitment to carbon reduction. Reporting of the group's environmental impact was expanded and additional resources were dedicated to measurement of energy consumption in order to develop benchmarks to support commitments on energy and carbon.

Research and development activities

The group is strongly committed to research and development activities in the areas of clinical diagnostics and drug discovery in order to secure and enhance its market position. Research expenditure in the year totalled £10,407,317 (2020: £8,326,343) and was expensed as incurred. This is stated before the deduction of £673,300 (2020: £973,868) of research and development tax credits. A further £5,190,141 (2020: £3,856,209) of research and development tax credits have been deducted from other expenses. No development expenditure was incurred during the year (2020: £nil).

Directors

The directors who served during the year and up to the date of signing the financial statements are shown on page 1.

Political donations

No donations for political purposes were made during the year (2020: £nil).

No directors benefit from qualifying third party indemnity provisions in place during the financial year and up to the date of this report.

Employees

The group systematically provides employees with information on matters of concern to them, consulting them or their representatives regularly, so that their views can be taken into account when making decisions that are likely to affect their interests. Employee involvement in the group is encouraged, as achieving a common awareness on the part of all employees of the financial and economic factors affecting the group plays a major role in objectives.

The group is committed to employment policies, which follow best practice based on equal opportunities for all employees, irrespective of sex, race, colour, disability or marital status. The group gives full and fair consideration to applications for employment from disabled persons, having regard to their particular aptitudes and abilities. Appropriate arrangements are made for the continued employment and training, career development and promotion of disabled persons employed by the group. If members of staff become disabled, where possible, the group continues employment, either in the same or an alternative position with appropriate retraining being given if necessary.

Covid 19

The Covid 19 pandemic has brought disruption to the operations of many businesses including the group. As a group servicing the global pharmaceutical and biotech sectors it has also presented some commercial opportunities. It has led to an unprecedented level of market volatility and economic uncertainty. These events and conditions have been considered in the preparation of these financial statements, where management has exercised its judgement in the process of applying the company's accounting policies. There are no areas involving a higher degree of judgement or complexity, or areas where assumptions and estimates are significant to the financial statements.

The carrying amounts of the group's non-financial and financial assets have been assessed to determine whether there is any objective evidence or indication that these assets may be impaired, taking into consideration the conditions existing at the balance sheet date including the impact of the Covid 19 pandemic. There is no material adverse financial impact arising from the assessments carried out by the management. As the global Covid 19 situation remains fluid at the date these financial statements were authorised for issue, the group cannot reasonably ascertain the full extent of the probable impact of the Covid 19 disruptions on its operating and financial performance for the financial year ending 30 September 2022.

Going concern

The group's forecasts and projections, taking account of reasonably possible changes in trading performance, show that the group has adequate financial resources to meet its operational needs for at least a period of twelve months from the date the financial statements. Consequently, the directors have prepared these financial statements on a going concern basis.

After making enquiries and having assessed the group's principal risks, covenant compliance and the other relevant matters, the directors have a reasonable expectation that the group has access to adequate financial and other resources to continue in operational existence for the foreseeable future.

Statement of disclosure of information to auditors

So far as each of the directors in office at the date of approval of these financial statements is aware:

- there is no relevant audit information of which the group and parent company's auditors are unaware; and
- they have taken all the steps that they ought to have taken as directors in order to make themselves aware of any relevant audit information and to establish that the group's and parent company's auditors are aware of that information.

Independent auditors

The independent auditors, PricewaterhouseCoopers LLP, have indicated their willingness to continue in office, and a resolution concerning their re-appointment will be proposed at the Annual General Meeting.

This report was approved by the board and signed on its behalf.

N Harkin Director

20 January 2022

Statement of directors' responsibilities in respect of the financial statements

The directors are responsible for preparing the Annual report and financial statements and the financial statements in accordance with applicable law and regulation.

Company law requires the directors to prepare financial statements for each financial year. Under that law the directors have prepared the financial statements in accordance with international accounting standards in conformity with the requirements of the Companies Act 2006.

Under company law, directors must not approve the financial statements unless they are satisfied that they give a true and fair view of the state of affairs of the company and of the profit or loss of the company for that period. In preparing the financial statements, the directors are required to:

- select suitable accounting policies and then apply them consistently;
- state whether applicable international accounting standards in conformity with the requirements of the Companies Act 2006 have been followed, subject to any material departures disclosed and explained in the financial statements;
- · make judgements and accounting estimates that are reasonable and prudent; and
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the company will
 continue in business.

The directors are responsible for safeguarding the assets of the company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

The directors are also responsible for keeping adequate accounting records that are sufficient to show and explain the company's transactions and disclose with reasonable accuracy at any time the financial position of the company and enable them to ensure that the financial statements comply with the Companies Act 2006.

N Harkin **Director**20 January 2022

Independent auditors' report to the members of Almac Group Limited

Report on the audit of the financial statements

Opinion

In our opinion, Almac Group Limited's group financial statements and company financial statements (the "financial statements"):

- give a true and fair view of the state of the group's and of the company's affairs as at 30 September 2021 and of the group's profit
 and the group's and company's cash flows for the year then ended;
- have been properly prepared in accordance with international accounting standards in conformity with the requirements of the Companies Act 2006; and
- have been prepared in accordance with the requirements of the Companies Act 2006.

We have audited the financial statements, included within the Annual Report, which comprise: Group and Parent company balance sheets as at 30 September 2021; Group income statement, Group statement of comprehensive income, Group and Parent company cash flow statements and Group and Parent company statements of changes in equity for the year then ended; and the notes to the financial statements, which include a description of the significant accounting policies.

Basis for opinion

We conducted our audit in accordance with International Standards on Auditing (UK) ("ISAs (UK)") and applicable law. Our responsibilities under ISAs (UK) are further described in the Auditors' responsibilities for the audit of the financial statements section of our report. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Independence

We remained independent of the group in accordance with the ethical requirements that are relevant to our audit of the financial statements in the UK, which includes the FRC's Ethical Standard, and we have fulfilled our other ethical responsibilities in accordance with these requirements.

Conclusions relating to going concern

Based on the work we have performed, we have not identified any material uncertainties relating to events or conditions that, individually or collectively, may cast significant doubt on the group's and the company's ability to continue as a going concern for a period of at least twelve months from when the financial statements are authorised for issue.

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

However, because not all future events or conditions can be predicted, this conclusion is not a guarantee as to the group's and the company's ability to continue as a going concern.

Our responsibilities and the responsibilities of the directors with respect to going concern are described in the relevant sections of this report.

Reporting on other information

The other information comprises all of the information in the Annual Report other than the financial statements and our auditors' report thereon. The directors are responsible for the other information. Our opinion on the financial statements does not cover the other information and, accordingly, we do not express an audit opinion or, except to the extent otherwise explicitly stated in this report, any form of assurance thereon.

Independent auditors' report to the members of Almac Group Limited (continued)

Reporting on other information (continued)

In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated. If we identify an apparent material inconsistency or material misstatement, we are required to perform procedures to conclude whether there is a material misstatement of the financial statements or a material misstatement of the other information. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report based on these responsibilities.

With respect to the Strategic report and Directors' Report, we also considered whether the disclosures required by the UK Companies Act 2006 have been included.

Based on our work undertaken in the course of the audit, the Companies Act 2006 requires us also to report certain opinions and matters as described below.

Strategic report and Directors' Report

In our opinion, based on the work undertaken in the course of the audit, the information given in the Strategic report and Directors' Report for the year ended 30 September 2021 is consistent with the financial statements and has been prepared in accordance with applicable legal requirements.

In light of the knowledge and understanding of the group and company and their environment obtained in the course of the audit, we did not identify any material misstatements in the Strategic report and Directors' Report.

Responsibilities for the financial statements and the audit

Responsibilities of the directors for the financial statements

As explained more fully in the statement of directors' responsibilities in respect of the financial statements, the directors are responsible for the preparation of the financial statements in accordance with the applicable framework and for being satisfied that they give a true and fair view. The directors are also responsible for such internal control as they determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the directors are responsible for assessing the group's and the company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the directors either intend to liquidate the group or the company or to cease operations, or have no realistic alternative but to do so.

Auditors' responsibilities for the audit of the financial statements

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

Irregularities, including fraud, are instances of non-compliance with laws and regulations. We design procedures in line with our responsibilities, outlined above, to detect material misstatements in respect of irregularities, including fraud. The extent to which our procedures are capable of detecting irregularities, including fraud, is detailed below.

Based on our understanding of the group and industry, we identified that the principal risks of non-compliance with laws and regulations related to product safety (including but not limited to Medicines and Healthcare products Regulatory Agency (MHRA), the U.S. Food & Drug Administration (FDA), the Health Products Regulatory Authority (HPRA)) and tax legislation, and we considered the extent to which non-compliance might have a material effect on the financial statements. We also considered those laws and regulations that have a direct impact on the financial statements such as the Companies Act 2006.

Independent auditors' report to the members of Almac Group Limited (continued)

Responsibilities for the financial statements and the audit (continued)

Auditors' responsibilities for the audit of the financial statements (continued)

We evaluated management's incentives and opportunities for fraudulent manipulation of the financial statements (including the risk of override of controls), and determined that the principal risks were related to posting inappropriate journal entries to manipulate financial results, including revenue recognition and manipulation of earnings before interest, tax, depreciation and amortisation and management bias in accounting estimates or significant judgements. Audit procedures performed by the engagement team included:

- discussions with management, including consideration of known or suspected instances of non-compliance with laws and regulation and fraud:
- identifying and testing unusual journal entries, in particular those journal entries posted with an unusual account combination; and
- evaluating and, where appropriate, challenging assumptions and judgements made by management in determining significant accounting estimates.

There are inherent limitations in the audit procedures described above. We are less likely to become aware of instances of non-compliance with laws and regulations that are not closely related to events and transactions reflected in the financial statements. Also, the risk of not detecting a material misstatement due to fraud is higher than the risk of not detecting one resulting from error, as fraud may involve deliberate concealment by, for example, forgery or intentional misrepresentations, or through collusion.

A further description of our responsibilities for the audit of the financial statements is located on the FRC's website at: www.frc.org.uk/auditorsresponsibilities. This description forms part of our auditors' report.

Use of this report

This report, including the opinions, has been prepared for and only for the company's members as a body in accordance with Chapter 3 of Part 16 of the Companies Act 2006 and for no other purpose. We do not, in giving these opinions, accept or assume responsibility for any other purpose or to any other person to whom this report is shown or into whose hands it may come save where expressly agreed by our prior consent in writing.

Other required reporting

Companies Act 2006 exception reporting

Under the Companies Act 2006 we are required to report to you if, in our opinion:

- · we have not obtained all the information and explanations we require for our audit; or
- adequate accounting records have not been kept by the company, or returns adequate for our audit have not been received from branches not visited by us; or
- certain disclosures of directors' remuneration specified by law are not made; or
- · the company financial statements are not in agreement with the accounting records and returns.

We have no exceptions to report-arising from this responsibility.

Kevin MacAllister (Senior Statutory Auditor)

for and on behalf of PricewaterhouseCoopers LLP Chartered Accountants and Statutory Auditors

Relfast

1 february 2022

Group income statement for the year ended 30 September 2021

				2021	2020
			Note	£	£
Continuing operations		·		•	
Revenue	· .		4	735,071,164	677,253,640
Cost of sales			5	(474,741,571)	(447,133,092
Gross profit				260,329,593	230,120,548
Distribution costs			5 .	(27,271,783)	(29,218,198
Administrative expenses		•	5	(133,180,231)	(125,616,352
Research and development net expenditure			.5	(9,734,017)	(7,352,475
Operating profit	. ,		٠,	90,143,562	67,933,523
Operating profit is analysed as:				:	
Operating profit before depreciation, amortisation and research and development expenditure ("EBITDA")				136,650,197	112,556,286
Depreciation of property, plant and equipment				(22,215,816)	(21,111,524
Depreciation of right of use assets				(6,376,568)	(7,176,992)
Amortisation of intangible assets		\$		(8,180,234)	(8,530,765)
Research and development expenditure				(9,734,017)	(7,803,482)
Finance costs .			6	(9,370,422)	(4,398,009)
Finance income			. 6	9,254	14,060
Finance cost – net			6	(9,361,168)	(4,383,949)
Profit before income tax				80,782,394	63,549,574
Income tax expense	•		8	(16,576,675)	(10,682,833)
Profit for the year		_		64,205,719	52,866,741

Group statement of comprehensive income for the year ended 30 September 2021

	2021	2020 £
	£	
Profit for the year	64,205,719	52,866,741
Other comprehensive expense:	•	
Items that may be subsequently reclassified to profit or loss:		
Currency translation differences	(4,778,900)	(5;146,733)
Total other comprehensive expense for the year	(4,778,900)	(5,146,733)
Total comprehensive income for the year	59,426,819	47,720,008

Group and parent company statements of changes in equity For the year ended 30 September 2021

Attributable to owners of the parent

	Share capital	Share premium	Currency translation reserve	Retained earnings	Total equity
Group	£	£	£	£	£
At 1 October 2019	15,296,312	173,911,921	36,918,908	218,987,976	445,115,117
Arising on the adoption of IFRS 16				(3,252,992)	(3,252,992)
Comprehensive income	·				
Profit for the year			-	52,886,741	52,886,741
Other comprehensive expense	-				
Currency translation differences	7	-	(5,146,733)	• -	(5,146,733)
At 30 September 2020	15,296,312	173,911,921	31,772,175	268,621,725	489,602,133
Comprehensive income					
Profit for the year	• -		-	64,205,719	64,205,719
Other comprehensive income			•		•
Currency translation differences	•	-	(4,778,900)		(4,778,900)
At 30 September 2021	15,296,312	173,911,921	26,993,275	332,827,444	549,028,952

	Share capital	Share premium	Accumulated losses	Total equity
Company	£	£	. . .	£
At 1 October 2019	15,296,312	173,911,921	(25,133,752)	164,074,481
Arising on the adoption of IFRS 16	· 	-	2,365,932	2,365,932
Comprehensive expense	• • •			
Loss for the year	··	. · • .	(5,495,056)	(5,495,056)
At 30 September 2020	15,296,312	173,911,921	(28,262,876)	160,945,357
Comprehensive expense				
Loss for the year		•	(8,243,347)	(8,243,347)
At 30 September 2021	15,296,312	173,911,921	(36,506,223)	152,702,010

Group balance sheet as at 30 September 2021

		2021	2020
	Note	£	£
Assets			
Non-current assets			
Property, plant and equipment	. 9	323,054,587	305,098,847
Right of use assets	10	49,803,935	53,350,489
Goodwill	11	81,324,787	82,836,147
Other intangible assets	12	28,291,082	28,162,261
Deferred income tax asset	14	694,165	706,543
Total non-current assets		483,168,556	470,154,287
Current assets	- ;		
Inventories	1.5	27,433,602	30,466,407
Current income tax asset		11,855,436	. 9,638,731
Trade and other receivables	16	176,668,338	161,352,991
Cash and cash equivalents	. 17	115,088,844	77,691,180
Total current assets		331,046,220	279,149,309
Total assets		814,214,776	749,303,596
Equity and liabilities			<u> </u>
Liabilities		•	. •
Current liabilities			
Borrowings	18	8,932,251	16,586,143
Trade and other payables	19	130,639,348	127,449,259
Current income tax liabilities		1,871,218	-
Total current liabilities		141,442,817	144,035,402
Non-current liabilities			· ·
Borrowings	18	62,884,153	68,863,192
Deferred income tax liabilities	. 14	22,989,688	12,960,496
Deferred income	20	18,982,324	17,838,505
Other non-current liabilities	21	15,383,139	12,126,039
Provisions for liabilities and charges	22	3,503,703	3,877,829
Total non-current liabilities		123,743,007	115,666,061
Total liabilities		265,185,824	259,701,463
Equity attributable to owners of the parent		· ·	
Share capital	23	15,296,312	15,296,312
Share premium	. 23	173,911,921	173,911,921
Currency translation reserve	•	26,993,275	31,772,175
Retained earnings		332,827,444	268,621,725
Total equity		549,028,952	489,602,133
Total equity and liabilities		814,214,776	749,303,596

The notes on pages 23 to 68 are an integral part of these consolidated financial statements. The financial statements on pages 16 to 68 were authorised for issue by the Board of directors on 20 January 2022 and were signed on their behalf by:

A D Armstrong (Director)

N Harkin (Director)

Registered number: NI 041551

Parent company balance sheet as at 30 September 2021

		2021	2020
	Note	. £	£
Assets	,		
Non-current assets Property, plant and equipment	9	13,271,318	10,460,818
	10		
Right of use assets	•	3,103,894	3,455,483
Other intangible assets	12	2,940,739	1,325,246
Investments in subsidiaries	13	175,676,859	175,620,913
Finance lease receivable	. 16	11,992,404	13,063,678
Total non-current assets		206,985,214	203,926,138
Current assets	16	250 220 704	070 000 177
Trade and other receivables	16	259,229,796	270,929,177
Cash and cash equivalents	17	67,382,349	34,294,120
Total current assets Total assets		326,612,145 533,597,359	305,223,297 509,149,435
Total assets	· · · · · · · · · · · · · · · · · · ·	333,391,339	309,149,433
Equity and liabilities			•
Liabilities			
Current liabilities	•	100	
Borrowings	18	326,839,954	290,495,583
Trade and other payables	19	21,994,972	23,427,531
Total current liabilities		348,834,926	313,923,114
Non-current liabilities			
Borrowings	18	28,924,536	32,701,375
Deferred income tax liabilities	14	1,111,857	98,410
Deferred income	20	446	743
Other non-current liabilities	21	2,023,584	1,480,436
Total non-current liabilities		32,060,423	34,280,964
Total liabilities	<u> </u>	380,895,349	348,204,078
Equity attributable to owners of the parent			
Share capital	23	15,296,312	15,296,312
Share premium	23	173,911,921	173,911,921
Accumulated losses		·	<u> </u>
At 1 October		(28,262,876)	(25,133,752)
Loss for the year		(8,243,347)	(5,495,056)
Adjustment on adoption of IFRS 16	•	•	2,365,932
At 30 September		(36,506,223)	(28,262,876)
Total equity		152,702,010	160,945,357
Total equity and liabilities	·	533,597,359	509,149,435

The notes on pages 23 to 68 are an integral part of these financial statements. The financial statements on pages 16 to 68 were authorised for issue by the Board of directors on 20 January 2022 and were signed on their behalf by:

A D Armstrong (Director)

S Campbell (Director)

Registered Number NI041551

Group cash flow statement for the year ended 30 September 2021

		2021	2020
	Note	£	£
Cash flows from operating activities			
Cash generated from operations	25	111,417,913	108,561,309
Interest paid		(1,112,961)	(2,181,439)
Incomé tax paid		(947,010)	(8,511,662)
Net cash generated from operating activities	•	109,357,942	97,868,208
Cash flows from investing activities		· ·	
Purchase of intangible assets		(8,669,752)	(6,048,275)
Purchase of property, plant and equipment	•	(47,003,009)	(37,333,904)
Proceeds from disposal of property, plant and equipment		· · ·	13,850
Proceeds from disposal of other intangible assets	,	28,600	· . · · -
Capital grants received		3,358,236	3,914,936
Finance income received	•	9,254	14,060
Net cash used in investing activities		(52,305,271)	(39,439,333)
Cash flows from financing activities			<u> </u>
Lease principal payments		(8,179,226)	(9,396,269)
New loans received		•	19,928,940
Repayment of borrowings		(5,140,241)	(7,032,068)
Repayments to related parties (net)		(178,590)	• (267,855)
Net cash (used in)/ generated from financing activities	<u>-</u>	(13,498,057)	3,232,748
Net increase in cash and cash equivalents		43,554,614	61,661,623
Effect of foreign exchange movement on cash and cash equivalents		(1,093,653)	(521,205)
Cash, cash equivalents and overdrafts at beginning of the year		72,550,087	11,409,669
Cash, cash equivalents and overdrafts at end of the year	17	115,011,048	72,550,087

The notes on pages 23 to 68 are an integral part of these consolidated financial statements.

Parent company cash flow statement for the year ended 30 September 2021

		2021	2020
	Note	£	£
Cash flows from operating activities			•
Cash generated from operations	25	4,105,654	4,061,366
Interest paid		(14,575,447)	(12,467,684)
Net cash generated in operating activities		(10,469,793)	(8,406,318)
Cash flows from investing activities			
Purchase of property, plant and equipment		(4,084,594)	(1,908,236)
Purchase of intangible assets	•	(2,277,865)	(788,791)
Purchase of subsidiary undertakings	•	(55,946)	-
Proceeds from disposal of property, plant and equipment		73,620	8,000
Proceeds from disposal of other intangible assets		28,600	-
Receipts from finance leases	•	1,472,567	582,975
Repayments from group undertakings	•	9,658,402	8,576,573
Finance income received		6,764,373	8,892,605
Net cash generated from investing activities		11,579,157	15,363,126
Cash flows from financing activities	_		
Lease principal payments		(1,886,050)	(1,129,302)
Repayment of borrowings		(4,149,663)	(5,264,843)
New loans received		•	15,000,000
Advances from group undertakings		43,193,168	25,521,610
Repayments to related parties		(178,590)	(89,305)
Net cash generated from financing activities		36,978,865	34,038,160
Net increase in cash and cash equivalents		38,088,229	40,994,968
Cash, cash equivalents and bank overdrafts at beginning of the year		29,294,120	(11,700,848)
Cash, cash equivalents and bank overdrafts at end of the year	17 ·	67,382,349	29,294,120

Notes to the financial statements for the year ended 30 September 2021

1 Accounting policies

General information

The group's principal activities during the year extend from drug discovery through all areas of clinical trials to the commercialisation of pharmaceutical products. The financial statements are presented in UK pound sterling. Almac Group Limited is a private limited company incorporated and registered in the United Kingdom and limited by shares. The company is domiciled in Northern Ireland. The company's registered address is detailed on page 1. The financial statements were approved by the Board of directors on 20 January 2022.

The principal accounting policies adopted in the preparation of these consolidated financial statements are set out below. These policies have been consistently applied to all the years presented, unless otherwise stated.

Basis of preparation

These consolidated financial statements have been prepared on a going concern basis and in accordance with international accounting standards in conformity with the requirements of the Companies Act 2006 as applicable to companies reporting under IFRS. These financial statements have been prepared under the historical cost convention.

The preparation of financial statements in conformity with IFRS requires the use of certain critical accounting estimates. It also requires management to exercise its judgement in the process of applying the group's accounting policies. Management has concluded that there are no critical assumptions, estimates or judgements involving a high degree of judgement or complexity which require further disclosure other than that disclosed in respect of the self-insured medical scheme in note 28.

The group's accounting policies are detailed below.

Going concern

The Group's forecasts and projections, taking account of reasonably possible changes in trading performance, show that the group has adequate financial resources to meet its operational needs for at least a period of twelve months from the date the financial statements. Consequently, the directors have prepared these financial statements on a going concern basis.

After making enquiries and having assessed the Group's principal risks, covenant compliance and the other relevant matters, the directors have a reasonable expectation that the company has access to adequate financial and other resources to continue in operational existence for the foreseeable future.

Parent company profit and loss account

The directors' have taken advantage of the exemption available under Section 408 of the Companies Act 2006 and have not presented an income statement for the company alone. The loss for the year ended 30 September 2021 is £8,243,347 (2020: loss of £5,495,056)

New standards, amendments, and interpretations effective in the year to 30 September 2021

The accounting policies set out below are those that the group and company has adopted in accordance with international accounting standards in conformity with the requirements of the Companies Act 2006 for the year ended 30 September 2021.

No standards have been adopted by the group or company for the first time during the financial year beginning on or after 1 October 2020 that have had a material impact on the group or company.

Standards, amendments, and interpretations that are not yet effective and have not been adopted early

Certain new accounting standards and interpretations have been published that are not mandatory for 30 September 2021 reporting periods and have not been early adopted by the group or company. None of these are expected to have a material impact on the company in the current or future reporting periods and on foreseeable future transactions.

Notes to the financial statements for the year ended 30 September 2021

1 Accounting policies (continued)

Basis of consolidation

(a) Subsidiaries

Subsidiaries are all entities (including structured entities) over which the group has control. The group controls an entity when the group 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. Subsidiaries are fully consolidated from the date on which control is transferred to the group. They are deconsolidated from the date that control ceases.

The group applies the acquisition method to account for business combinations. The consideration transferred for the acquisition of a subsidiary is the fair value of the assets transferred, the liabilities incurred to the former owners of the acquiree 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. Identifiable assets acquired and liabilities and contingent liabilities assumed in a business combination are measured initially at their fair values at the acquisition date. The group recognises any non-controlling interest in the acquiree on an acquisition-by-acquisition basis, either at fair value or at the non-controlling interests proportionate share of the recognised amounts of acquiree's identifiable net assets.

Acquisition-related costs are expensed as incurred.

If the business combination is achieved in stages, the acquisition date carrying value of the acquirer's previously held equity interest in the acquiree is re-measured to fair value at the acquisition date; any gains or losses arising from such re-measurement are recognised in profit or loss.

Any contingent consideration to be transferred by the group is recognised at fair value at the acquisition date. Subsequent changes to the fair value of the contingent consideration that is deemed to be an asset or liability is recognised in accordance with IAS 39 either in profit or loss or as a change to other comprehensive income. Contingent consideration that is classified as equity is not re-measured, and its subsequent settlement is accounted for within equity.

The excess of the consideration transferred, the amount of any non-controlling interest in the acquiree and the acquisition-date fair value of any previous equity interest in the acquiree over the fair value of the identifiable net assets acquired is recorded as goodwill. If the total of consideration transferred, non-controlling interest recognised and previously held interest measured is less than the fair value of the net assets of the subsidiary acquired in the case of a bargain purchase, the difference is recognised directly in the income statement. Inter-company transactions, balances and unrealised gains on transactions between group companies are eliminated. Unrealised losses are also eliminated. When necessary amounts reported by subsidiaries have been adjusted to conform with the group's accounting policies.

(b) Changes in ownership interests in subsidiaries without change of control

Transactions with non-controlling interests that do not result in loss of control are accounted for as equity transactions – that is, as transactions with the owners in their capacity as owners. The difference between fair value of any consideration paid and the relevant share acquired of the carrying value of net assets of the subsidiary is recorded in equity. Gains or losses on disposals to non-controlling interests are also recorded in equity.

(c) Disposal of subsidiaries

When the group ceases to have control any retained interest in the entity is remeasured to its fair value at the date when control is lost, with the change in carrying amount recognised in profit or loss. The fair value is the initial carrying amount for the purposes of subsequently accounting for the retained interest as an associate, joint venture or financial asset. In addition, any amounts previously recognised 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. This may mean that amounts previously recognised in other comprehensive income are reclassified to profit or loss.

1 Accounting policies (continued)

Property, plant and equipment

Land and buildings comprise mainly offices, leasehold improvements and laboratories. Property, plant and equipment is stated at historical cost less accumulated depreciation. Historical cost includes expenditure that is directly attributable to the acquisition of the items.

Subsequent costs are included in the asset's carrying amount or recognised as a separate asset, as appropriate, only when it is probable that future economic benefits associated with the item will flow to the group and the cost of the item can be measured reliably. The carrying amount of the replaced part is derecognised. All other repairs and maintenance are charged to the income statement during the financial period in which they are incurred.

No depreciation is charged on land, nor on assets in the course of construction until such time as they are brought into use. For all other assets depreciation is calculated to write off the cost less their estimated residual values, on a straight line basis over the expected useful economic lives of the assets concerned, or the life of the project, whichever is earlier. The principal annual rates used are as follows:

			%
Buildings		-	2 - 12.5
Plant and machinery			10
Fixtures, fittings and computer equipment	(-	10 - 25
Motor vehicles		-	. 25.

The assets' residual values and useful economic lives are reviewed, and adjusted if appropriate, at each balance sheet date.

An asset's carrying amount is written down immediately to its recoverable amount if the asset's carrying amount is greater than its estimated recoverable amount.

Gains and losses on disposals are determined by comparing the proceeds with the carrying amount and are recognised within administrative expenses in the income statement.

Capitalisation of finance costs

General and specific borrowing costs directly attributable to the acquisition, construction or production of qualifying assets, which are assets that necessarily take a substantial period of time to get ready for their intended use or sale, are added to the cost of those assets, until such time as the assets are substantially ready for their intended use or sale.

Intangible assets

Goodwill

Goodwill represents the excess of the cost of an acquisition over the fair value of the group's share of the net identifiable assets of the acquired subsidiary at the date of acquisition. Goodwill on acquisitions of subsidiaries is included in 'intangible assets'. Goodwill is tested annually for impairment and carried at cost less accumulated impairment losses. Impairment losses on goodwill are not reversed. Gains and losses on the disposal of an entity include the carrying amount of goodwill relating to the entity sold.

Goodwill is allocated to cash-generating units for the purposes of impairment testing. The allocation is made to those cash-generating units or groups of cash-generating units that are expected to benefit from the business combination in which the goodwill arose.

1 Accounting policies (continued)

Intangible assets (continued)

Computer software and software under development

The costs of acquiring and bringing into use computer software are capitalised and amortised on a straight-line basis over the estimated useful economic life of the software which is between three to ten years.

Capitalised software development costs include external direct costs of material and services together with direct labour costs relating to software development. Development costs that are directly attributable to the design and testing of identifiable and unique software products controlled by the group are recognised as intangible assets when the following criteria are met:

- it is technically feasible to complete the software product so that it will be available for use;
- management intends to complete the software product and use or sell it;
- there is an ability to use or sell the software product;
- it can be demonstrated how the software product will generate probable future economic benefits;
- adequate technical, financial and other resources to complete the development and to use or sell the software product are available; and
- the expenditure attributable to the software product during its development can be reliably measured.

Other development expenditures that do not meet these criteria are recognised as an expense as incurred. Development costs previously recognised as an expense are not recognised as an asset in a subsequent period.

Directly attributable costs that are capitalised as part of the software product include the software development employee costs and an appropriate portion of relevant overheads. Other development expenditures that do not meet these criteria are recognised as an expense as incurred. Development costs previously recognised as an expense are not recognised as an asset in a subsequent period.

Product licences

Product licences acquired are capitalised and amortised over their useful economic life which is between one to twelve years. They are carried at historical cost less accumulated amortisation and impairment losses.

Research and development

Expenditure on research is written off in the year in which it is incurred. Development expenditure is capitalised when the criteria for recognising an asset are met.

Research and development tax credits

Under UK tax legislation introduced in the 2013 Finance Bill research and development credits can be claimed against qualifying research and development expenditure. Where these credits are not expected to be restricted by the PAYE/NI cap included within the legislation then the credit is, in substance, a government grant. The group has elected to treat such credits as a government grant and recognise the credits in the same period as the research and development expenditure arises.

1 Accounting policies (continued)

Impairment of non-financial assets

Assets that have an indefinite useful economic life, for example goodwill, are not subject to amortisation and are tested annually for impairment. Assets that are subject to amortisation are reviewed for impairment whenever events or changes in circumstances indicate that the carrying value may not be recoverable. An impairment loss is recognised for the amount by which the asset's carrying amount exceeds its recoverable amount. The recoverable amount is the higher of an asset's fair value less costs to sell, and value in use. For the purposes of assessing impairment, assets are grouped by cash generating unit. Non-financial assets other than goodwill that have suffered impairment are reviewed for possible reversal of the impairment at each reporting date.

At each balance sheet date non-financial assets not carried at fair value are assessed to determine whether there is an indication that the asset (or asset's cash generating unit) may be impaired. If there is such an indication, the recoverable amount of the asset (or asset's cash generating unit) is compared to the carrying amount of the asset (or asset's cash generating unit).

The recoverable amount of the asset (or asset's cash generating unit) is the higher of the fair value less costs to sell and value in use. Value in use is defined as the present value of the future cash flows before interest and tax obtainable as a result of the asset's (or asset's cash generating unit) continued use. These cash flows are discounted using a pre-tax discount rate that represents the current market risk-free rate and the risks inherent in the asset.

If the recoverable amount of the asset (or asset's cash generating unit) is estimated to be lower than the carrying amount, the carrying amount is reduced to its recoverable amount. An impairment loss is recognised in the profit and loss account unless the asset has been revalued when the amount is recognised in other comprehensive income to the extent of any previously recognised revaluation. Thereafter, any excess is recognised in profit and loss account.

If an impairment loss is subsequently reversed, the carrying amount of the asset (or asset's cash generating unit) is increased to the revised estimate of its recoverable amount, but only to the extent that the revised carrying amount does not exceed the carrying amount that would have been determined (net of depreciation or amortisation) had no impairment loss been recognised in prior periods. A reversal of an impairment loss is recognised in the profit and loss account..

Financial instruments

A financial instrument is any contract that gives rise to a financial asset of one party and a financial liability or equity instrument of another party. Financial assets of the Company include cash and cash equivalents, trade and other receivables, and favourable derivative financial instruments. Financial liabilities of the Company include trade and other payables and borrowings.

Initial recognition and measurement

Financial assets and liabilities are recognised in the statement of financial position when the Company becomes a party to the contractual obligations of the instrument.

The Company classifies its financial assets in the following measurement categories:

- i) Those to be measured at amortised costs; and
- ii) Those to be measured subsequently at fair value (either through Other Comprehensive Income of through profit and loss).

The classification depends on the Company's business model for managing the financial assets and the contractual terms of the cash flows. The Company reclassifies its financial assets when and only when its business model for managing those assets changes.

At initial recognition, the Company measures a financial asset at its fair value plus transaction costs that are directly attributable to the acquisition of the financial asset.

Financial liabilities are classified as financial liabilities at fair value through profit or loss, other financial liabilities at amortised cost or as derivatives.

1 Accounting policies (continued)

Financial instruments (continued)

Financial liabilities are recognised at fair value plus, in the case of financial instruments not at fair value through profit and loss, transaction costs that are directly attributable to the acquisition or issue of the financial liability. Transaction costs directly attributable to financial liabilities which are measured at fair value (i.e. fair value through profit and loss or derivatives) are recognised in the income statement as incurred.

Subsequent measurement

Subsequent to recognition, financial assets and liabilities are measured according to the category to which they are classified.

(a) Financial assets

Subsequent measurement of financial assets depends on the Company's business model for managing those financial assets and the cash flow characteristics of those financial assets. The Company only has financial assets classified at amortised cost. These assets are those held for contractual collection of cash flows, where those cash flows represent solely payments of principal and interest and are held at amortised cost. Any gains or losses arising on derecognition is recognised directly in profit or loss.

(b) Financial liabilities at fair value through profit and loss (FVTPL)

Financial liabilities are classified as at FVTPL when the financial liability is either held for trading or it is designated as at FVTPL.

Financial liabilities at FVTPL are stated at fair value, with any gains or losses arising on re-measurement recognised in profit or loss. The net gain or loss recognised in profit or loss incorporates any interest paid on the financial liability and is included in the 'other gains and losses' line item in the income statement.

(c) Other financial liabilities

Trade and other payables and borrowings (including amounts due to related parties) are classified as other financial liabilities and are initially measured at fair value, net of transaction costs and subsequently measured at amortised cost using the effective interest rate method (see below).

Effective interest method

The effective interest method is a method of calculating the amortised cost of a debt instrument and of allocating interest income and expenses over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash receipts and payments (including all fees paid or received that form an integral part of the effective interest rate, transaction costs and other premiums or discounts) through the expected life of the debt instrument, or, where appropriate, a shorter period, to the net carrying amount on initial recognition.

Income is recognised on an effective interest basis for debt instruments other than those financial assets classified as FVTPL.

Derecognition

The Company derecognises a financial asset only when the contractual rights to the cash flows from the asset expire, or when it transfers the financial asset and substantially all the risks and rewards of ownership of the asset to another entity. If the Company neither transfers nor retains substantially all the risks and rewards of ownership and continues to control the transferred asset, the Company recognises its retained interest in the asset and an associated liability for amounts it may have to pay. If the Company retains substantially all the risks and rewards of ownership of a transferred financial asset, the Company continues to recognise the financial asset and also recognises a collateralised borrowing for the proceeds received.

A financial liability is derecognised when the obligation under the liability is discharged or cancelled or expires. When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as a derecognition of the original liability and the recognition of a new liability, and the difference in the respective carrying amounts is recognised in the income statement.

1 Accounting policies (continued)

Financial instruments (continued)

Impairment of a financial asset

The Company assesses on a forward looking basis, the expected credit losses associated with its debt instruments carried at amortised cost. For trade receivables the Company applies the simplified approach permitted by IFRS 9, which requires expected lifetime losses to be recognised from the initial recognition of the receivables. For other receivables the Company applies the three stage model to determine expected credit losses.

Fair value of financial instruments

Fair value amounts disclosed in these financial statements represent the Company's estimate of the price at which a financial instrument could be exchange in an arm's length market transaction between knowledgeable, willing parties who are under no compulsion to act. They are point-in-time estimates that may change in subsequent reporting periods due to market conditions or other factors. Fair value is determined by reference to quoted prices in the most advantageous active market for that instrument to which the Company has immediate access. However, where there is no active market for the Company's financial instruments, the Company determines fair value based on internal or external valuation models, such as stochastic models, option-pricing models and discounted cash flow models. These calculations represent management's best estimates based on a range of methods and assumptions. Since they are based on estimates the fair values may not be realised in an actual sale or immediate settlement of the instruments.

Offsetting financial instruments

Financial assets and liabilities are offset and the net amount reported in the balance sheet when there is a legally enforceable right to offset the recognised amounts and there is an intention to settle on a net basis or realise the asset and settle the liability simultaneously. The legally enforceable right must not be contingent on future events and must be enforceable in the normal course of business and in the event of default, insolvency or bankruptcy of the Company or the counterparty.

Impairment of financial assets

The group assesses at the end of each reporting period whether there is objective evidence that a financial asset or group of financial assets is impaired. A financial asset or a group of financial assets is impaired and impairment losses are incurred only if there is objective evidence of impairment as a result of one or more events that occurred after the initial recognition of the asset (a 'loss event') and that loss event (or events) has an impact on the estimated future cash flows of the financial asset or group of financial assets that can be reliably estimated.

Evidence of impairment may include indications that the debtors or a group of debtors is experiencing significant financial difficulty, default or delinquency in interest or principal payments, the probability that they will enter bankruptcy or other financial reorganisation, and where observable data indicate that there is a measurable decrease in the estimated future cash flows, such as changes in arrears or economic conditions that correlate with defaults.

The amount of the loss is measured as the difference between the asset's carrying amount and the present value of estimated future cash flows (excluding future credit losses that have not been incurred) discounted at the financial asset's original effective interest rate. The asset's carrying amount of the asset is reduced and the amount of the loss is recognised in the consolidated income statement.

Provisions

Provisions for medical claims under the group's self-insured medical scheme are recognised where: the group has a present legal or constructive obligation as a result of past events; it is probable that an outflow of resources will be required to settle the obligation; and the amount has been reliably estimated. Provisions are not recognised for future operating losses. 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. A provision is recognised even if the likelihood of an outflow with respect to any one item included in the same class of obligations is small. Provisions are measured at the present value of the expenditures expected to be required to settle the obligation using a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the obligation.

1 Accounting policies (continued)

Investments in subsidiaries

Investments in subsidiaries are held as non-current assets and are recorded at cost, which is the fair value of the consideration paid, less any provision for impairment. An impairment loss is recognised for the amount by which the asset's carrying amount exceeds its recoverable amount.

Inventories

Inventories are stated at the lower of cost and net realisable value. Cost is determined using the first-in, first-out (FIFO) method. The cost of finished goods and work in progress comprises raw materials, direct labour, other direct costs and related production overheads (based on normal operating capacity). It excludes borrowing costs. Net realisable value is the estimated selling price in the ordinary course of the business, less applicable variable selling expenses.

Trade and other receivables

Trade receivables are amounts due from customers for merchandise sold or services performed in the ordinary course of business. If collection is expected in one year or less (or in the normal operating cycle of the business if longer), they are classified as current assets. If not, they are presented as noncurrent assets. Trade receivables are recognised initially at fair value and subsequently measured at amortised cost using the effective interest method, less provision for impairment.

Cash and cash equivalents

In the group and company statement of cash flows, cash and cash equivalents includes cash in hand, deposits held at call with banks, and bank overdrafts. In the group and company balance sheet, bank overdrafts are shown within borrowings in current liabilities on the balance sheet.

Current and deferred income tax

The tax expense for the year comprises current and deferred tax. Tax is recognised in the income statement, except to the extent that it relates to items recognised in other comprehensive income or directly in equity. In this case the tax is also recognised in other comprehensive income or directly in equity respectively.

The current income tax charge is calculated on the basis of the tax laws enacted or substantively enacted at the balance sheet date in the countries where the group's subsidiaries operate and generate taxable income. Management periodically evaluates positions taken in tax returns with respect to situations in which applicable tax regulation is subject to interpretation. It establishes provisions where appropriate on the basis of amounts expected to be paid to the tax authorities.

Deferred income tax is recognised, using the liability method, on temporary differences arising between the tax bases of assets and liabilities and their carrying amounts in the consolidated financial statements. However, the deferred income tax is not accounted for if it arises from initial recognition of an asset or liability in a transaction other than a business combination that at the time of the transaction affects neither accounting nor taxable profit or loss. Deferred income tax is determined using tax rates and laws that have been enacted or substantially enacted by the balance sheet date and are expected to apply when the related deferred income tax asset is realised or the deferred income tax liability is settled.

Deferred income tax assets are recognised only to the extent that it is probable that future taxable profit will be available against which the temporary differences can be utilised. Deferred income tax is provided on temporary differences arising on investments in subsidiaries and associates, except where the timing of the reversal of the temporary difference is controlled by the group and it is probable that the temporary difference will not reverse in the foreseeable future.

Deferred income tax assets and liabilities are offset when there is a legally enforceable right to offset current tax assets against current tax liabilities and when the deferred income tax assets and liabilities relate to income taxes levied by the same taxation authority on either the taxable entity of different taxable entities where there is an intention to settle the balances on a net basis.

1 Accounting policies (continued)

Borrowings

Borrowings are recognised initially at fair value, net of transaction costs incurred. Borrowings are subsequently stated at amortised cost; any difference between the proceeds (net of transaction costs) and the redemption value is recognised in the income statement over the period of the borrowings using the effective interest method.

Fees paid on the establishment of loan facilities are recognised as transaction costs of the loan to the extent that it is probable that some or all of the facility will be drawn down. In this case, the fee is deferred until the draw-down occurs. To the extent there is no evidence that it is probable that some or all of the facility will be drawn down, the fee is capitalised as a pre-payment for liquidity services and amortised over the period of the facility to which it relates.

Borrowings are classified as current liabilities unless the group or company has an unconditional right to defer settlement of the liability for at least twelve months after the balance sheet date.

Trade and other payables

Trade payables are obligations to pay for goods or services that have been acquired in the ordinary course of business from suppliers. Trade payables are classified as current liabilities if payment is due within one year or less. If not, they are presented as non-current liabilities.

Trade and other payables are recognised initially at fair value and subsequently measured at amortised cost using the effective interest method.

Grants

Grants are recognised at their fair value where there is a reasonable assurance that the grant will be received and the group will comply with all attached conditions. Grants relating to costs are deferred and recognised in the income statement over the period necessary to match them with the costs that they are intended to compensate. Grants relating to property, plant and equipment are included in non-current liabilities as deferred income and are credited to the income statement on a straight-line basis over the expected useful economic lives of the related assets.

Share capital

Ordinary shares are classified as equity. Incremental costs directly attributable to the issue of new shares are shown in equity as a deduction, net of tax, from the proceeds.

Revenue recognition

Revenue comprises the fair value of the consideration received or receivable for the provision of services and products in the ordinary course of the group's activities. Revenue is shown net of value-added tax and after eliminating sales within the group. The group has a number of revenue streams across its divisions as follows:

- a) Provision of custom chemical synthesis, diagnostic services and full time equivalent staff to customer specified projects. These services meet the criteria to be recognised over time as the business has the right to receive payment as performance progresses or, in the case of the provision of full time equivalent staff to customer specified projects, the customer simultaneously receives and consumes economic benefit as the services provided.
- b) Manufacture, packaging, distribution and sale of pharmaceutical products
 For contracts for the sale of pharmaceutical products, the performance obligation is the acceptance or delivery of the item. Revenue is recognised at the point in time when the customer obtains control of the goods based on the delivery terms of the contract.
- c) Product packaging, labelling, storage and shipping

 The group undertakes these services in support of clinical trials. These are treated as separate performance obligations as the customer can benefit from each separately as they are distinct promises within the respective contracts. As the business has the right to receive payment as the contract progresses revenue is recognised over time.

1 Accounting policies (continued)

Revenue recognition (continued)

- d) Design, development, validation and maintenance of Interactive Response Technology Within the Clinical Technologies division Almac develops customer solutions in support of clinical trials capable of testing and evaluating pharmaceutical drug efficacy and capturing the results of related clinical trials. This may also include the maintenance and support of the system and management of the drug supply chain throughout the clinical trial. Revenue is recognised over time as the business has the right to receive payment as performance progresses.
- e) Product development services, project management and procurement services

 The group performs product development, project management and procurement services on a variety of contracts. The performance obligation is the completion of these services which meet the criteria to be recognised over time as the customer simultaneously receives and consumes the benefits as the performance progresses.

Foreign currency translation

Items included in the financial statements of each of the group's entities are measured using the currency of the primary economic environment in which the entity operates ("the functional currency"). The consolidated financial statements are presented in UK pound sterling, which is the group's functional and presentation currency.

Foreign currency transactions are translated into the functional currency using the exchange rates prevailing at the dates of the transactions or valuation where items are re-measured. Foreign exchange gains and losses resulting from the settlement of such transactions and from the translation at year end exchange rates of monetary assets and liabilities denominated in foreign currencies are recognised in the income statement, except when deferred in equity as qualifying cash flow hedges and qualifying net investment hedges.

Foreign exchange gains and losses that relate to borrowings and cash and cash equivalents are presented in the income statement within 'finance income or cost'. All other foreign exchange gains and losses are presented in the income statement within administrative expenses.

The results and financial position of all the group entities (none of which has the currency of a hyperinflationary economy) that have a functional currency different from the presentation currency are translated into the presentation currency as follows:

- assets and liabilities for each balance sheet presented are translated at the closing rate at the date of that balance sheet;
- income and expenses for each income statement are translated at average exchange rates (unless this average is not a reasonable approximation of the cumulative effect of the rates prevailing on the transaction dates, in which case income and expenses are translated at the rate on the dates of the transactions); and
- all resulting currency translation differences are recognised as a separate component of equity in a currency translation reserve.

1 Accounting policies (continued)

Employee benefit trusts

The group's share of the assets of the Almac Employee Benefit Trust and the Almac Offshore Employee Benefit Trust, which are both employee benefit trusts, have been incorporated within the group's balance sheet under the appropriate asset categories.

Pension obligations

The group operates a defined contribution plan for employees whereby the group pays contributions to publicly or privately administered pension insurance plans on a mandatory, contractual or voluntary basis. The group has no further payment obligations once the contributions have been paid. The contributions are recognised as an employee benefit expense when they are due. Prepaid contributions are recognised as an asset to the extent that a cash refund or a reduction in the future payments is available.

Share-based payments

The group issues cash-settled phantom share-based payments to certain employees of the company for their services to the group. The group accounts for these phantom share based payments as cash-settled phantom share-based payments which are measured at fair value and recognised as an expense in the income statement with a corresponding increase in liabilities (within accruals). The fair value is recognised over the period during which employees become unconditionally entitled to the awards, subject to the group's estimate of the number of awards which will lapse due to employees leaving the group prior to vesting. The total amount recognised in the income statement as an expense is adjusted to reflect the actual amount of awards that are expected to vest, except where forfeiture is due to employee's termination of contract.

Leases

Definition

A lease is a contract, or a part of a contract, that conveys the right to use an asset or a physically distinct part of an asset ("the underlying asset") for a period of time in exchange for consideration. Further, the contract must convey the right to the Group to control the asset or a physically distinct portion thereof. A contract is deemed to convey the right to control the underlying asset if, throughout the period of use, the Group has the right to:

- Obtain substantially all the economic benefits from the use of the underlying asset; and
- Direct the use of the underlying asset (e.g. direct how and for what purpose the asset is used)

Where contracts contain a lease coupled with an agreement to purchase or sell other goods or services (i.e., non-lease components), the non-lease components are identified and accounted for separately from the lease component. The consideration in the contract is allocated to the lease and non-lease components on a relative standalone price basis using the principles in IFRS 15.

The Group predominantly engages in leases for land and buildings and motor vehicles. The majority of leases for the Group are located in the UK and Ireland as a result of the manufacturing and office locations.

1 Accounting policies (continued)

Leases (continued)

Initial recognition and measurement

The Group and Company initially recognises a lease liability for the obligation to make lease payments and a right-of-use asset for the right to use the underlying asset for the lease term.

The lease liability is measured at the present value of the lease payments to be made over the lease term. The lease payments include fixed payments, purchase options at exercise price (where payment is reasonably certain), expected amount of residual value guarantees, termination option penalties (where payment is considered reasonably certain) and variable lease payments that depend on an index or rate.

The right-of-use asset is initially measured at the amount of the lease liability, adjusted for lease prepayments, lease incentives received, the Group's initial direct costs (e.g., commissions) and an estimate of restoration, removal and dismantling costs.

Subsequent measurement

After the commencement date, the Group measures the lease liability by:

- (a) Increasing the carrying amount to reflect interest on the lease liability;
- (b) Reducing the carrying amount to reflect the lease payments made; and
- (c) Re-measuring the carrying amount to reflect any reassessment or lease modifications or to reflect revised in substance fixed lease payments or on the occurrence of other specific events.

Interest on the lease liability in each period during the lease term is the amount that produces a constant periodic rate of interest on the remaining balance of the lease liability. Interest charges are included in finance cost in the income statement, unless the costs are included in the carrying amount of another asset applying other applicable standards. Variable lease payments not included in the measurement of the lease liability, are included in operating expenses in the period in which the event or condition that triggers them arises.

The related right-of-use asset is accounted for using the Cost model in IAS 16 and depreciated and charged in accordance with the depreciation requirements of IAS 16 Property, Plant and Equipment as disclosed in the accounting policy for Property, Plant and Equipment. Adjustments are made to the carrying value of the right of use asset where the lease liability is remeasured in accordance with the above. Right of use assets are tested for impairment in accordance with IAS 36 Impairment of assets as disclosed in the accounting policy in impairment.

1 Accounting policies (continued)

Leases (continued)

Lease modifications

If a lease is modified, the modified contract is evaluated to determine whether it is or contains a lease. If a lease continues to exist, the lease modification will result in either a separate lease or a change in the accounting for the existing lease.

The modification is accounted for as a separate lease if both:

- (a) The modification increases the scope of the lease by adding the right to use one or more underlying assets; and
- (b) The consideration for the lease increases by an amount commensurate with the stand-alone price for the increase in scope and any appropriate adjustments to that stand-alone price to reflect the circumstances of the particular contract.

If both of these conditions are met, the lease modification results in two separate leases, the unmodified original lease and a separate lease. The Group then accounts for these in line with the accounting policy for new leases. If either of the conditions are not met, the modified lease is not accounted for as a separate lease and the consideration is allocated to the contract and the lease liability is re-measured using the lease term of the modified lease and the discount rate as determined at the effective date of the modification.

For a modification that fully or partially decreases the scope of the lease (e.g., reduces the square footage of leased space), IFRS 16 requires a lessee to decrease the carrying amount of the right-of-use asset to reflect partial or full termination of the lease. Any difference between those adjustments is recognised in profit or loss at the effective date of the modification.

For all other lease modifications which are not accounted for as a separate lease, IFRS 16 requires the lessee to recognise the amount of the re-measurement of the lease liability as an adjustment to the corresponding right-of-use asset without affecting profit or loss.

Short term and low value leases

The Group has made an accounting policy election, by class of underlying asset, not to recognise lease assets and lease liabilities for leases with a lease term of 12 months or less (i.e., short-term leases).

Lease payments on short term leases are accounted for on a straight line bases over the term of the lease or other systematic basis if considered more appropriate. Short term lease payments are included in operating expenses in the income statement.

Sub leases

If an underlying asset is re-leased by the Group to a third party and the Group retains the primary obligation under the original lease, the transaction is deemed to be a sublease. The Group continues to account for the original lease (the head lease) as a lessee and accounts for the sublease as a lessor (intermediate lessor). When the head lease is a short term lease, the sublease is classified as an operating lease. Otherwise, the sublease is classified using the classification criteria applicable to Lessor Accounting in IFRS 16 by reference to the right-of-use asset in the head lease (and not the underlying asset of the head lease).

After classification lessor accounting is applied to the sublease

Critical accounting judgements and estimates

Intangible assets - Goodwill

Goodwill is tested annually for impairment. Its recoverable amount is measured with reference to a value in use model, being the present value of the future cash flows before interest and tax obtainable as a result of the asset's (or asset's cash generating unit) continued use. These cash flows are discounted using a pre-tax discount rate that represents the current market risk-free rate and the risks inherent in the asset. The assumptions relating to future cash flows, estimated growth rates and discount rates are based on business forecasts and therefore inherently include an element of management judgement. Future events could cause the assumptions used in these impairments tests to change which may in turn mean future impairments to be recognised. Please refer to note 11 for further details.

2 Financial risk management

Financial risk factors

The group's operations expose it to a variety of financial risks that include price risk, interest rate risk, foreign exchange risk, credit risk and liquidity risk. The group has in place a risk management programme that seeks to limit the adverse effects on the financial performance of the group by monitoring the foregoing risks.

- (a) Market risk
- (i) Price risk

The group is not exposed to commodity price risk as a result of its operations nor is the group exposed to equity securities price risk as it holds no listed equity investments.

(ii) Interest rate risk

The group's interest rate risk arises from borrowings which are a combination of overdrafts, bank borrowings, term loans, loans from related parties and finance lease liabilities (excluding lease liabilities arising on the adoption of IFRS 16). Interest bearing assets consist of short-term bank deposits. Borrowings at variable rates expose the group to cash flow interest rate risk. Borrowings at fixed rates expose the group to fair value interest rate risk. The group manages these risks by a mixture of variable interest rates on overdrafts, bank borrowings and loans from related parties linked to SONIA/LIBOR or UK Bank of England base rate and fixed rate interest on the group's finance lease liabilities. The interest rate is monitored on a regular basis with reference to movements in global interest rates and the potential impact upon the group's cost of borrowing.

If average interest rates over the year had increased/decreased by 1% with all other variables held constant, the financial statements would have been impacted as follows:

•	20	21	` 2020	
	Impact on		· Impact on	
	post-tax	Impact on	post-tax	Impact on
	profits	equity	profits	equity
	£'000	£'000	£,000	£,000
Interest rates increase by 1%	(144)	(144)	(254)	(254)
Interest rates decrease by 1%	144	144	254	254

(iii) Foreign exchange risk

While the greater part of the group's revenues and expenses are denominated in UK pound sterling, the group is exposed to foreign exchange risk in the normal course of business in its overseas operations, principally on sales in US dollars and in Euros. Group policy is to minimise the exposure of overseas subsidiaries to transaction risk by matching local currency income and costs. While the group has not used financial instruments to date to hedge foreign exchange exposure, this position is kept constantly under review.

If the US dollar had weakened / strengthened by 10% against the UK pound sterling spot rate on 30 September with all other variables held constant, the financial statements would have been impacted as follows:

	202	21	2020	
	Impact on post-tax profits £'000	Impact on equity £'000	Impact on post-tax profits £'000	Impact on equity £'000
US dollar weakens by 10% against UK pound sterling	(5,846)	(5,846)	(4,046)	(4,046)
US dollar strengthens by 10% against UK pound sterling	7,145	7,145	4,945	4,945

The figures above reflect retranslation of the group's investment in foreign subsidiaries. The directors do not regard the group's foreign exchange exposure on sales in Euro as significant.

2 Financial risk management (continued)

(b) Credit risk

The group has implemented policies that require appropriate credit checks on potential customers before sales are made. Credit control assesses the credit quality of the customer, taking into account its financial position, past experience and other factors. The amount of exposure to individual customers is subject to limits, which are reassessed regularly by the Board. Credit risk also arises from cash and cash equivalents with banks and financial institutions. Banking arrangements are reviewed and regularly reassessed by the board.

(c) Liquidity risk

Prudent liquidity risk management implies maintaining sufficient cash and the availability of funding through an adequate amount of committed credit facilities. Management monitors rolling forecasts of the group's liquidity reserve (comprising undrawn borrowing facility and cash and cash equivalents) on the basis of expected cash flow. In addition, the group's liquidity management policy involves projecting cash flows in major currencies and considering the level of liquid assets necessary to meet these; monitoring balance sheet liquidity ratios against internal and external regulatory requirements; and maintaining debt financing plans.

3 Capital risk management

The group's objectives when managing capital are to safeguard the group's ability to continue as a going concern in order to provide returns to shareholders and benefits for other stakeholders and to maintain an optimal capital structure to reduce the cost of capital. In order to maintain or adjust the capital structure, the group may adjust the amount of dividends paid to shareholders, return capital to shareholders, issue new shares or sell assets to reduce debt.

The group monitors capital on the basis of the gearing ratio. This ratio is calculated as net debt/net funds divided by total capital. Net debt is calculated as total borrowings (current and non-current) as shown in the group balance sheet less cash and cash equivalents. Total capital is calculated as equity as shown in the group balance sheet plus net debt.

The gearing ratios at 30 September were as follows:

	2021	2020
Group	£	£
Total borrowings (note 18)	71,816,404	85,449,335
Less: cash and cash equivalents (note 17)	(115,088,844)	(77,691,180)
Net (funds)/debt	(43,272,440)	7,758,155
Total equity	549,028,952	489,602,133
Total capital	505,756,512	497,360,288
Gearing ratio	(8.6)%	1.6%

The group's strategy is to maintain an appropriate mix of debt and equity consistent with fulfilling long-term growth plans.

The company's objectives when managing capital are to safeguard the group and company's ability to continue as a going concern in order to provide returns to shareholders and benefits for other stakeholders and to maintain an optimal capital structure to reduce the cost of capital. In order to maintain or adjust the capital structure, the company may adjust the amount of dividends paid to shareholders, return capital to shareholders, issue new shares or sell assets to reduce debt.

4 Revenue

Revenue is attributable to the group's principal activities carried out in the United Kingdom, the United States of America, Asia and the Republic of Ireland.

Timing of revenue is as follows

and development expenditure

	2021	202
	£	
Point in time	184,921,905	181,469,26
Over time	550,149,259	495,784,37
Total	735,071,164	677,253,64
isaggregation of revenue by geographical regions is as follows:		
	2021	202
Group	* £	•
United Kingdom	397,994,750	375,874,34
Europe	17,498,979	12,389,59
United States	310,712,010	287,351,16
Other	8,865,425	1,638,53
Fotal efer to note 16 for details of related contract assets.	735,071,164	
	735,071,164	677,253,640
efer to note 16 for details of related contract assets. Expenses by nature	735,071,164	677,253,641
efer to note 16 for details of related contract assets. Expenses by nature Group	735,071,164 2021 £	2020
Expenses by nature Group Changes in inventories of finished goods and work in progress	735,071,164 2021 £ 5,029,301	202
Expenses by nature Group Changes in inventories of finished goods and work in progress Raw materials and consumables used	2021 £ 5,029,301 169,734,309	2020 (1,916,996 162,662,79
Expenses by nature Group Changes in inventories of finished goods and work in progress Raw materials and consumables used Employee benefits expense - net of amounts capitalised as software development	735,071,164 2021 £ 5,029,301	2020
Expenses by nature Group Changes in inventories of finished goods and work in progress Raw materials and consumables used	2021 £ 5,029,301 169,734,309	202 (1,916,996 162,662,79 289,555,07
Expenses by nature Group Changes in inventories of finished goods and work in progress Raw materials and consumables used Employee benefits expense - net of amounts capitalised as software development costs (note 7)	2021 £ 5,029,301 169,734,309 302,406,282	202 (1,916,996 162,662,79 289,555,07 29,642,28
Expenses by nature Group Changes in inventories of finished goods and work in progress Raw materials and consumables used Employee benefits expense - net of amounts capitalised as software development costs (note 7) Depreciation and amortisation	2021 £ 5,029,301 169,734,309 302,406,282 30,396,050	202 (1,916,996 162,662,79 289,555,07 29,642,28 7,176,99
Expenses by nature Group Changes in inventories of finished goods and work in progress Raw materials and consumables used Employee benefits expense - net of amounts capitalised as software development costs (note 7) Depreciation and amortisation Depreciation on right of use assets	2021 £ 5,029,301 169,734,309 302,406,282 30,396,050 6,376,568	2020 (1,916,996 162,662,79
Expenses by nature Group Changes in inventories of finished goods and work in progress Raw materials and consumables used Employee benefits expense - net of amounts capitalised as software development costs (note 7) Depreciation and amortisation Depreciation on right of use assets Transfer from deferred income (note 20)	2021 £ 5,029,301 169,734,309 302,406,282 30,396,050 6,376,568 (2,318,559)	2020 (1,916,996 162,662,790 289,555,070 29,642,280 7,176,990 (2,168,698
Expenses by nature Group Changes in inventories of finished goods and work in progress Raw materials and consumables used Employee benefits expense - net of amounts capitalised as software development costs (note 7) Depreciation and amortisation Depreciation on right of use assets Transfer from deferred income (note 20) Revenue grants	2021 £ 5,029,301 169,734,309 302,406,282 30,396,050 6,376,568 (2,318,559) (1,884,714)	202 (1,916,996 162,662,79 289,555,07 29,642,28 7,176,99 (2,168,698

^{*}Research and development expenditure of £9,734,017 (2020: £7,352,475) is included within other expenses and is stated after the deduction of £673,300 (2020: £973,868) of research and development tax credits. A further £5,190,141 (2020: £3,856,209) of research and development tax credits has been deducted from other expenses.

5 Expenses by nature (continued)

Services provided by the group and company's auditors and its associates

During the year the group (including its overseas subsidiaries) obtained the following services from the group's auditor and its associates:

		•	2021	2020
Group			£	. £
Fees payable to the group's auditors consolidated financial statements Fees payable to the group's auditors		•	42,125	34,294
- the audit of the company's subsidia	aries pursuant to legislation	·	346,980	291,586
- tax services		v .	218,680	221,689
- other services			235,807	17,800

6 Finance costs - net

	2021	2020
Group	£	£
Interest expense:		
Interest payable on bank borrowings	(512,149)	(821,782)
Interest payable on related party loans	(737)	(5,366)
Interest payable on finance leases	(3,924)	(5,952)
Interest payable on IFRS16 leases	(1,907,430)	(2,216,570)
Foreign exchange loss on financing activities	(6,350,031)	(1,052,104)
Other finance costs	(596,151)	(296,235)
Finance costs	(9,370,422)	(4,398,009)
Interest income:	· .	
Interest receivable on bank deposits	2,812	14,060
Other finance income	6,442	-
Finance income	9,254	14,060
Finance costs - net	(9,361,168)	(4,383,949)

7 Employees and directors

Employees and directors	Group		Company		
•	2021	2020	2021	2020	
	£	£	£	. £	
Staff costs during the year:					
Wages and salaries (including amounts capitalised as software development costs)	265,072,148	257,896,746	20,176,127	18,176,167	
Social security costs	22,768,251	21,702,171	2,163,730	1,933,953	
Other pension costs (note 26)	8,715,100	7,943,844	843,300	771,946	
Share based payment costs (note 29)	6,337,336	2,549,015	1,398,240	586,581	
	302,892,835	290,091,776	24,581,397	21,468,647	
	•				

7 Employees and directors (continued)

The wages and salary costs include £486,553 (2020: £536,698) of capitalised labour costs.

			•		
		Gro	up	Co	ompany
•		2021	2020	2021	2020
		Number	Number	Number	Number
Average monthly number of (including directors) during					
Production	•	4,490	4,234	·	•
Sales and marketing	•	228	239	· •	٠.
Administration	•	980	938	428	4.0
Research and development		85	55	-	
<u> </u>		5,783	5,466	428	404
Key management compensation	tion				
ixey management compensati	uon			2021	2020
Group		•		£	£
Salaries and other short-term e	employee benefits			9,385,715	9,259,426
Pension costs - defined contrib	outions plans			149,384	182,479
The key management compensa	ation given above includ	des directors and ser	nor managers.	2021	2020
Directors				£	£
Aggregate emoluments	·	·		2,453,751	2,430,283
Pension costs - defined contrib	outions plans			31,880	60,220
Three (2020: four) directors have exercised phantom share o		ccruing under a defi	ned contribution pl	an. Three (2020:	four) directors
· · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , , ,	•	•	2021	2020
Highest paid director		,	·	£	£
Aggregate emoluments					

The highest paid director exercised phantom share options in the year and during the previous year.

8 Income tax expense

	2021	2020
	£	£
Current tax		
UK corporation tax	4,141,152	7,406,391
Overseas tax	3,207,808	685,061
Adjustment in respect of previous periods	(867,904)	(317,156)
Total current tax expense	6,481,056	7,774,296
Deferred tax		-
Origination and reversal of temporary differences	5,159,162	2,799,287
Changes in tax laws and rates	4,146,836	-
Adjustment in respect of previous periods	789,621	109,250
Total deferred tax charge (note 14)	10,095,619	2,908,537
Income tax expense	16,576,675	10,682,833

The tax on the group's profit before income tax differs from (2020: differs from) the theoretical amount that would arise using the weighted average tax rate applicable to profits of the consolidated entities as follows:

	2021	2020
	£	£
Profit before income tax	80,782,394	63,549,574
Profit before income tax at the UK standard rate of 19% (2020: 19%)	15,348,655	12,074,419
Effects of:		
Expenses not deductible/(Income not taxable) for tax purposes	1,131,561	(440,254)
Effect of changes in overseas tax rates	8,700	(187,899)
Movement in deferred tax not provided	(3,066,692)	(1,230,218)
Group relief not paid	46,526	48,520
Adjustments in respect of previous periods	(78,283)	(207,906)
Changes in tax laws and rates	4,118,017	923,765
Research and development tax credits	(382,060)	(297,594)
Super deduction	(549,749)	-
Income tax expense	16,576,675	10,682,833

9 Property, plant and equipment

	Land and buildings	Assets in the course of construction	Plant and machinery	Fixtures, fittings and computer equipment	Motor vehicles	Total
Group	£	£	£	£	£	£
Cost				•		•
At 1 October 2019	257,544,289	6,693,410	134,373,554	62,543,313	435,102	461,589,668
Transfers	272,242	(1,436,648)	1,094,435	68,649	-	. (1,322)
Additions	9,188,085	3,183,136	19,179,679	5,766,187	16,817	37,333,904
Disposals		-	(424,499)	(15,926)	· _	(440,425)
Exchange adjustment	(4,107,955)	(4,648,746)	(6,663,991)	(5,403,472)	(69,693)	(20,893,857)
At 30 September 2020	262,896,661	3,791,152	147,559,178	62,958,751	382,226	477,587,968
Transfers	(1,716,580)	(2,650,705)	4,319,235	48,050	-	-
Additions	4,138,315	15,203,660	20,148,733	7,360,932	151,369	47,003,009
Disposals	(3,598)	(22,629)	(196,802)	(919,158)	(82,954)	(1,225,141)
Exchange adjustment	(5,803,594)	(3,533)	(2,433,628)	(1,354,811)	(10,748)	(9,606,314)
At 30 September 2021	259,511,204	16,317,945	169,396,716	68,093,764	439,893	513,759,522
			. —			
Accumulated depreciation			•	·		
At 1 October 2019	53,139,016		73,694,197	42,006,194	338,186	169,177,593
Charge for the year	5,422,665	-	10,094,181	5,560,071	34,607	21,111,524
Disposals	-		(418,933)	(7,642)	-	(426,575)
Exchange adjustment	(4,511,565)	<u> </u>	(7,990,998)	(4,806,723)	(64,135)	(17,373,421)
At 30 September 2020	54,050,116		75,378,447	42,751,900	308,658	172,489,121
Charge for the year	5,401,189	. ~	11,526,371	5,243,941	44,315	22,215,816
Disposals	(48)	-	(96,385)	(888,258)	(82,954)	(1,067,645)
Exchange adjustment	(1,039,060)	<u> </u>	(1,039,952)	(844,204)	(9,141)	(2,932,357)
At 30 September 2021	58,412,197		85,768,481	46,263,379	260,878	190,704,935
Net book amount				t		
At 30 September 2021	201,099,007	16,317,945	83,628,234	21,830,386	179,015	323,054,587
At 30 September 2020	208,846,545	3,791,152	72,180,731	20,206,851	73,568	305,098,847
At 30 September 2019	204,405,273	6,693,410	60,679,357	20,537,119	96,916	292,412,075

Borrowings totalling £15,478,446 (2020: £25,723,442) are secured against the above assets (note 18).

Interest costs of £nil (2020: £nil) were capitalised during the year. Cumulative interest capitalised pre accumulated depreciation at 30 September 2021 was £1,082,459 (2020: £1,082,459).

Depreciation expense is included within administrative expenses in the income statement.

Group

At 30 September 2021

Net book amount At 30 September 2021 2020

Total.

2021

Total

Notes to the financial statements for the year ended 30 September 2021 (continued)

9 Property, plant and equipment (continued)

Assets held under finance leases had the following net book amount:

Cost		•	•	156,482	2,930,914
Accumulated depreciation				(156,482)	(2,930,914)
Net book amount				-	·
		_	Fixtures, fittings and		
	Land and buildings	Plant and machinery	computer equipment	Motor vehicles	Total
Company	£	£	£	£	£
Cost	•			•	
At 1 October 2019	4,033,801	3,111,336	10,112,994	102,289	17,360,420
Additions	14,710	1,135,173	750,128	8,225	1,908,236
Disposals	· -	,	(8,000)	- .	(8,000)
At 30 September 2020	4,048,511	4,246,509	10,855,122	110,514	19,260,656
Additions	53,535	3,209,102	802,328	19,629	4,084,594
Disposals	(3,598)	(44,471)	(33,380)	(2,750)	(84,199)
At 30 September 2021	4,098,448	7,411,140	11,624,070	127,393	23,261,051
			<u> </u>		
Accumulated depreciation					
At 1 October 2019	363,240	1,780,580	5,245,843	65,385	7,455,048
Charge for the year	50,543	165,002	1,117,605	11,640	1,344,790
At 30 September 2020	413,783	1,945,582	6,363,448	77,025	8,799,838
Charge for the year	50,595	147,824	987,706	12,315	1,198,440
Disposals	(48)	(2,965)	(2,782)	(2,750)	(8,545)

At 30 September 2020	3,634,728	2,300,927	4,491,674	33,489	10,460,818
At 30 September 2019	3,670,561	1,330,756	4,867,151	36,904	9,905,372

2,090,441

5,320,699

7,348,372

4,275,698

86,590

40,803

9,989,733

13,271,318

Borrowings totalling £12,678,783 (2020: £21,828,446) are secured against the above assets (note 18).

Depreciation expense is included within administrative expenses in the income statement.

464,330

3,634,118

10 Right of use assets

Group	Land and buildings	Plant and machinery	Fixtures, fittings and computer equipment	Motor vehicles £	Total £
Cost					
At 30 September 2019	· · · -	· .· -	· -	-	• -
Adoption of IFRS 16	55,703,753	287,210	753,829	693,467	57,438,259
At 1 October 2019	55,703,753	287,210	753,829	693,467	57,438,259.
Additions	6,258,948	46,650	183,537	208,773	6,697,908
Disposals	(2,881,559)	(8,599)	(67,435)	(1,663)	(2,959,256)
Exchange adjustment	(1,319,049)	3,552	(10,970)	(10,029)	(1,336,496)
At 30 September 2020 .	57,762;093	328,813	858,961	890,548	59,840,415
Additions	4,092,777	152,070	267,426	282,898	4,795,171
Disposals	(450,576)	(3,584)	(101,248)	(148,923)	(704,331)
Exchange adjustment	(1,880,596)	. (7,720)	(21,741)	(9,891)	(1,919,948)
At 30 September 2021	59,523,698	469,579	1,003,398	1,014,632	62,011,307
Accumulated depreciation At 30 September 2019 and 1 October 2019 Charge for the year	6,381,693	-	-	-	·
Transfer	- دۈق,186,0	134,451	344,862	315,986	7,176,992
- · · · · · · · · · · · · · · · · · · ·	(574,343)	134,451 - (8,599)	344,862 - (37,840)	315,986 - (1,663)	7,176,992 - (622,445)
Transfer	-	-	-		-
Transfer Disposals	(574,343)	(8,599)	(37,840)	(1,663)	(622,445) (64,621)
Transfer Disposals Exchange adjustment	(574,343) (65,669)	(8,599) 1,535	(37,840) 241	(1,663) (728)	- (622,445)
Transfer Disposals Exchange adjustment At 30 September 2020	(574,343) (65,669) 5,741,681	(8,599) 1,535 127,387	(37,840) 241 307,263	(1,663) (728) 313,595	(622,445) (64,621) 6,489,926
Transfer Disposals Exchange adjustment At 30 September 2020 Charge for the year	(574,343) (65,669) 5,741,681 5,665,360	(8,599) 1,535 127,387	(37,840) 241 307,263 283,889	(1,663) (728) 313,595	(622,445) (64,621) 6,489,926
Transfer Disposals Exchange adjustment At 30 September 2020 Charge for the year Transfer	(574,343) (65,669) 5,741,681 5,665,360 22,021	(8,599) 1,535 127,387 143,156	(37,840) 241 307,263 283,889 (22,021)	(1,663) (728) 313,595 284,163	(622,445) (64,621) 6,489,926 6,376,568
Transfer Disposals Exchange adjustment At 30 September 2020 Charge for the year Transfer Disposals	(574,343) (65,669) 5,741,681 5,665,360 22,021 (234,724)	(8,599) 1,535 127,387 (143,156	(37,840) 241 307,263 283,889 (22,021) (101,248)	(1,663) (728) 313,595 284,163 - (98,713)	(622,445) (64,621) 6,489,926 6,376,568 - (438,269)
Transfer Disposals Exchange adjustment At 30 September 2020 Charge for the year Transfer Disposals Exchange adjustment	(574,343) (65,669) 5,741,681 5,665,360 22,021 (234,724) (204,295)	(8,599) 1,535 127,387 143,156 - (3,584) (2,410)	(37,840) 241 307,263 283,889 (22,021) (101,248) (10,812)	(1,663) (728) 313,595 284,163 - (98,713) (3,336)	(622,445) (64,621) 6,489,926 6,376,568 (438,269) (220,853)
Transfer Disposals Exchange adjustment At 30 September 2020 Charge for the year Transfer Disposals Exchange adjustment At 30 September 2021 Net book amount	(574,343) (65,669) 5,741,681 5,665,360 22,021 (234,724) (204,295) 10,990,043	(8,599) 1,535 127,387 (143,156 (3,584) (2,410) 264,549	(37,840) 241 307,263 283,889 (22,021) (101,248) (10,812) 457,071	(1,663) (728) 313,595 284,163 (98,713) (3,336) 495,709	(622,445) (64,621) 6,489,926 6,376,568 (438,269) (220,853) 12,207,372

Depreciation expense is included within administrative expenses in the income statement. The total cash outflow in the year in respect of lease payments associated with right of use assets was £6,236,288 (2020: £9,940,568).

10 Right of use assets (continued)

	Land and buildings	Fixtures, fittings and computer equipment	Motor Vehicles	Total
Company	£_	£	£	£
Cost				
At 30 September 2019	•	· •	<u>-</u>	-
Adoption of IFRS 16	3,611,823	30,682.	156,714	3,799,219
At 1 October 2019	3,611,823	30,682	156,714	3,799,219
Additions	-	4,016	51,625	55,641
Disposals	•	(729)	(923)	(1,652)
At 1 October 2020	3,611,823	33,969	207,416	3,853,208
Additions	-	•	97,512	97,512
Disposals	(59,369)	(3,063)	(28,274) .	(90,706)
At 30 September 2021	3,552,454	30,906	276,654	3,860,014
Accumulated depreciation At 30 September 2019 and 1 October 2019		· · · · · · · · · · · · · · · · · · ·	· · -	·
Charge for the year	300,960	10,097	88,320	399,377
Disposals	٠-	(729)	(923)	(1,652)
At 1 October 2020	300,960	9,368	87,397	397,725
Charge for the year	300,960	9,353	79,418	389,731
Disposals	· <u>-</u>	(3,063)	(28,273)	(31,336)
At 30 September 2021	601,920	15,658	138,542	756,120
Net book amount At 30 September 2021	2,950,534	15,248	.138,112	3,103,894
At 30 September 2020	3,310,863	24,601	120,019	
At 30 September 2019	3,310,803	-	-	3,455,483

The total cash outflow in the year in respect of lease payments associated with right of use assets was £1,945,421 (2020: £1,129,401).

11 Goodwill

Group				£
Cost		 -		
At 1 October 2019		•		89,180,898
On acquisition				. (34,729)
Exchange adjustment				(1,399,908)
At 30 September 2020		•	,	87,746,261.
Exchange adjustment	•	••		(1,511,360)
At 30 September 2021				86,234,901
Accumulated amortisation an	d impairment			
At 1 October 2019, 30 Septemb	er 2020 and at 30 September	er 2021 ,		4,910,114
Net book amount				•
At 30 September 2021				81,324,787
At 30 September 2020				82,836,147

Clinical Services

£57.3m (2020: £58.7m) of goodwill relates to the group's clinical services business. The group's clinical services business, comprising clinical services businesses in Almac Group (UK) Limited and Almac Group Incorporated, is regarded as a cash-generating unit (CGU). The recoverable amount of a CGU is determined based on value in use calculations. These calculations use pre-tax cash flow projections based on financial budgets approved by management and covering a five year period. Growth rates of 2 to 8% (2020: 2 to 8%) with a consistent gross margin were used for the five year period. Cash flows beyond the five year period are established using estimated growth rates of 2% (2020: 2%), which reflects the group's investment strategy and expansion. Management determined budgeted gross margins based on past performance and its expectations of market developments. The discount rate used of 11% (2020: 11%) is pre-tax and reflects specific risks relating to the group. There is sufficient headroom in the impairment calculation.

POA Pharma Scandinavia AB

£12.8m (2020: £12.8m) of goodwill relates to the Group's acquisition of POA Pharma Scandinavia AB ("POA"), a 100% subsidiary of Galen Limited incorporated in Sweden. This company is also considered to be a CGU. The recoverable amount was determined based on a value-in-use calculation which incorporates pre-tax cash flow projections based on financial budgets approved by management covering a five-year period. Cash flows beyond the five-year period are extrapolated using an estimated growth rate. Key assumptions applied in this review were as follows:

- The rate of forecast sales growth which is on average 11%;
- Gross margin assumption of c50%;
- Long term growth rate of 2%; and
- An applied pre-tax discount rate of 7.5%.

Our modelling shows that forecast sales can fall short by approximately 10% in each year before a goodwill impairment would be required. Should forecast sales drop by 15% in each year an impairment of £4.5m would be required.

Our modelling also shows that forecast gross margins can drop by approximately 5% before a goodwill impairment would be required. Should forecast gross margins reduce by 7.5% an impairment of £4.4m would be required.

The remaining goodwill has arisen on the acquisition of other subsidiaries and is carried at cost less accumulated impairment losses.

12 Other intangible assets

	٠.	• •	Product licences	Computer software	Total
Group			£	£	£
Cost		•			
At 1 October 2019	• .		30,134,239	76,760,676	106,894,915
Transfers		•		1,322	1,322
Additions			408,632	5,639,643	6,048,275
Exchange adjustment			(531,704)	(2,072,450)	(2,604,154)
At 30 September 2020			30,011,167	80,329,191	110,340,358
Additions		•	168,015	8,501,73 ⁷	8,669,752
Disposals	•		-	(45,836)	(45,836)
Exchange adjustment			(254,164)	(1,013,145)	(1,267,309)
At 30 September 2021			29,925,018	87,771,947	117,696,965
Accumulated amortisation			25 046 120	50 038 401	75 084 540
At 1 October 2019			25,946,139	50,038,401	7.5,984,540
Amortisation in the year			1,216,056	7,314,709	8,530,765
Exchange adjustment			(449,915)	(1,887,293)	(2,337,208)
At 30 September 2020			26,712,280	55,465,817	82,178,097
Amortisation in the year	• •	,	731,365	7,448,869	8,180,234
Disposals	•		-	(17,236)	(17,236)
Exchange adjustment	•		(152,858)	(782,354)	(935,212)
At 30 September 2021			27,290,787	62,115,096	89,405,883
Net book amount	: .				
At 30 September 2021			2,634,231	25,656,851	28,291,082
At 30 September 2020		·	3,298,887	24,863,374	28,162,261
At 30 September 2019			4,188,100	26,722,275	30,910,375

Amortisation expense is included within administrative expenses in the income statement.

12 Other intangible assets (continued)

Company				. :				Computer software £
Cost	<u>, , ,</u>	٠.				<u> </u>		
At 1 October 2019	•			. ,				6,244,744
Additions	•		•	•		•	•	788,791
At 30 September 2020								7,033,535
Additions				•				2,277,865
Disposals						•		(33,000)
At 30 September 2021			•					9,278,400
			•					
Accumulated amortisation					•			•
At 1 October 2019								. 5,089,033
Amortisation in the year	•							619,256
At 30 September 2020			<u> </u>					5,708,289
Amortisation in the year					•	• .		633,772
Disposals				•				(4,400)
At 30 September 2021		• •	,					6,337,661
Net book amount				•				•
At 30 September 2021			•					2,940,739
At 30 September 2020		***						1,325,246
At 30 September 2019			-					1,155,711

Amortisation expense is included within administrative expenses in the income statement.

13 Investments in subsidiaries

177,312,970 55,946 177,368,91 6
55,946
177,368,916
1,692,057
175,676,859
175,620,913
175,620,913
-

13 Investments in subsidiaries (continued)

Investments in subsidiary undertakings are recorded at cost, which is the fair value of the consideration paid, less any provisions for impairments. The subsidiaries of the group at 30 September 2021 were:

Name	Country of incorporation	Nature of business	Proportion of ordinary shares held by the parent	Proportion of ordinary shares held by the group
Almac Discovery Limited	Northern Ireland ¹	Discovery and	· · · · · · · · · · · · · · · · · · ·	
		development of innovative approaches to the treatment of	100%	100%
Almac Diagnostic Services Limited	Northern Ireland ¹	cancer Development of cancer diagnostics and	1%	99%
Almac Diagnostic Services LLC	United States of America ¹⁰	microarray based data analysis Development of cancer diagnostics and	0%	100%
Alarra Calarras Limited	Nambam Indoned	microarray based data analysis		100%
Almac Sciences Limited	Northern Ireland ¹	Provision of custom chemical synthesis services	0%	
Almac Sciences LLC	United States of America ¹⁰	Provision of custom chemical synthesis	0%	100%
Almac Sciences (Scotland) Limited	Scotland ⁹	services Provision of custom chemical synthesis	0%	100%
Almac Clinical Services Limited	Northern Ireland	services Provision of services to pharmaceutical and biotechnology	0%	. 100%
Almac Clinical Services LLC	United States of America ¹⁰	companies Provision of services to pharmaceutical and biotechnology	0%	100%
Almac Clinical Technologies LLC	United States of America 10	companies Management of clinical trials drug supply	0%	100%
Almac Clinical Technologies Limited	Northern Ireland ¹	Management of clinical	0%	100%
Almac Pharma Services Limited	Northern Ireland ¹	trials drug supply Manufacture of pharmaceutical	0%	100%
Almac Pharma Services LLC	United States of America ¹⁰	products Manufacture of pharmaceutical products	. 0%	100%
Galen Limited	Northern Ireland ¹	Distribution and sale of pharmaceutical	50%	. 100%
Almac Central Management LLC	United States of America 10	products Central administrative services for the US	0%	100%
Almac Pharmaceutical Services PTE Ltd	Singapore ⁷	group Provision of services to pharmaceutical and biotechnology companies	0%	100%
Almac Pharmaceutical Services KK	Japan ⁸	Provision of services to pharmaceutical and biotechnology companies	0%	100%
				•

13 Investments in subsidiaries (continued)

Name	Country of incorporation	Nature of business	Proportion of ordinary shares held by the parent	Proportion of ordinary shares held by the group
Almac Group (Asia) PTE Ltd	Singapore ⁷	Holding company	100%	100%
Almac Group (UK) Limited	Northern Ireland1	Holding company	100%	100%
Almac Group Incorporated	United States of America ¹⁰	Holding company	100%	100%
Almac (No. 2) Limited	Northern Ireland ¹	Dormant company	100%	100%
Galen US Incorporated	United States of America 10	Distribution and sale of pharmaceutical products	0%	100%
Novis Pharma Limited	Northern Ireland ¹	Dormant company	0%	100%
Napsco Limited	Northern Ireland 1	Dormant company	0%	100%
CTS Analytical Limited	Northern Ireland ¹	Dormant company	. 0%	. 100%
Syngal Limited	Northern Ireland ¹	Dormant company	0%	. 100%
Quchem Limited	Northern Ireland ¹	Dormant company	0%	100%
Almac Diagnostics (2004) Limited	Northern Ireland ¹	Dormant company	0%	100%
Almac Trustees Limited	Northern Ireland ¹	Holding company	0%	100%
2007 Gal Limited	Northern Ireland ¹	Dormant company	0%	100%
InterGal Pharma Limited	Northern Ireland1	Dormant company	0%	100%
Almac (No. 1) Limited	Northern Ireland ¹	Dormant company	.0%	100%
Nelag Limited	Northern Ireland ¹	Dormant company	0%	100%
Chargelink Limited	England ⁶	Dormant company	0%	100%
Galen Pharmaceuticals Limited	England ⁶	Dormant company	0%	100%
Galen Healthcare Limited	England ⁶	Dormant company	0%	100%
Galen Rhodes Limited	England ⁶	Dormant company	0%	100%
Galen Specialty Pharma US LLC	United States of America ¹⁰	Dormant company	0%	100%
Almac Realty Holdings LLC	United States of America ¹⁰	Holding company	0%	100%
Clinical Trial Services Incorporated	United States of America ¹³	Dormant company	0%	100%
Applied Clinical Concepts Incorporated	United States of America ¹⁴	Dormant company	0%	100%
Arran Chemical Company Limited	Republic of Ireland ²	Manufacture of pharmaceutical products	0%	100%
Ventureland Limited	Republic of Ireland ²	Dormant company	0%	100%
Almac Pharmaceuticals Group (Ireland) Limited	Republic of Ireland ⁴	Holding company	100%	100%
Almac Pharma Services (Ireland) Limited	Republic of Ireland ³	Provision of services to pharmaceutical and biotechnology companies	. 0%	100%
Almac Clinical Services (Ireland) Limited	Republic of Ireland ³	Provision of services to pharmaceutical and biotechnology	0%	100%.
Bioclin Research Laboratories Limited	Republic of Ireland ⁴	companies Dormant Company	0%	100%
Almac Sciences (Ireland) Limited	Republic of Ireland Ireland I	Provision of services to pharmaceutical and biotechnology companies	.0%	100%

13 Investments in subsidiaries (continued)

Name	Country of incorporation	Nature of business	Proportion of ordinary shares held by the parent	Proportion of ordinary shares held by the group
Camla (No.1) Pharma Ireland Limited	Republic of Ireland	Provision of services to pharmaceutical and biotechnology companies	0%	100%
POA Pharma Scandinavia AB	Sweden ¹³	Distribution and sale of pharmaceutical products	0%	100%

¹The registered office of these entities is Almac House, 20 Seagoe Industrial Estate, Craigavon BT63 5QD

14 Deferred income tax

The gross movement on the deferred income tax account is as follows:

•	Ass	ets	I	Liabilities	Total		
	2021	2020	2021	2020	2021	2020	
Group	£	£	£	£	£	£	
At 1 October	706,543	2,054,227	(12,960,496)	(11,596,508)	(12,253,953)	. (9,542,281)	
Exchange adjustment	(407)	-	54,456	66,870	54,049	66,870	
Credited/(charged) to the income statement	(11,971)	(911,081)	(10,083,648)	(1,997,456)	(10,095,619)	(2,908,537)	
Arising on adoption of IFRS 16	-	.(535,013)	-	665,008	-	129,995	
Transfer from asset to liability	<u>-</u>	98,410		(98,410)		<u>-</u>	
At 30 September	694,165	706,543	(22,989,688)	(12,960,496)	(22,295,523)	(12,253,953)	
•					2021	2020	
Company	•			÷	£	£	
(Liability) / asset at 1 October					(98,410)	774,260	
Charged to the income statement					(1,013,447)	(317,186)	
Arising on adoption of IFRS 16			•		-	(555,484)	
Liability at 30 September					(1,111,857)	(98,410)	

²The registered office of these entities is Units 1-3 Monksland Industrial Estate, Athlone, Co. Roscommon, N37 DN24

³The registered office of these entities is Finnabair Industrial Estate, Dundalk Co. Louth, A91 P9KD

⁴The registered office of these entities is Riverside One, Sir John Rogerson's Quay, Dublin 2, D02 X576

⁵The registered office of this entity is Suite 2, Stafford House, Strand Road, Portmarnock Co Dublin, D13 H525

⁶The registered office of these entities is Broadwalk House, 5 Appold Street, London, EC2A 2HA

⁷The registered office of these entities is Lee & Lee, 50 Raffles Place, #60-00, Singapore Land Tower, Singapore, 048623

⁸The registered office of this entity is Tokyo Club Building, 11F, 3-2-6 Kasumigaski, Chiyoda-ku, Tokyo, 100-0013

⁹The registered office of this entity is 4th Floor, Saltire Court, 20 Castle Terrace, Edinburgh, Lothian, EH1 2EN

¹⁰The registered office of these entities is Corporation Service Company, 2711 Centreville Rd, Suite 400, Wilmington, Delaware, DE 19808

¹¹The registered office of this entity is CSC, 103 Foulk Road, Suite 103, Wilmington, DE 19803 - 3742

¹²The registered office of this entity is 011 Allen Building, Durham, NC 27708

¹³The registered office of this entity is Ebbe Lieberathsgatan 21, 40022 Gothenburg, Box 24026, Sweden

¹⁴The registered office of this entity is IDA Business and Technology Park Garrycastle, Athlone, Co. Westmeath N37 XO61, Ireland

14 Deferred income tax (continued)

The movement in deferred income tax assets and liabilities during the year, without taking into consideration the offsetting of balances within the same tax jurisdiction is as follows:

Group - deferred tax (liabilities)/assets	Accelerated capital allowances £	Tax losses £	Other temporary differences	Total
At 1 October 2019	(20,520,049)	6,291,762	4,686,006	(9,542,281)
Credited/(charged) to the income statement	122,764	(3,354,362)	323,061	(2,908,537)
Arising on the adoption IFRS 16	597,886	(8,280)	(459,611)	129,995
Exchange adjustments	· -	66,870		66,870
At 1 October 2020	(19,799,399)	2,995,990	4,549,456	(12,253,953)
Charged to the income statement	(7,397,872)	(723,130)	(1,974,617)	(10,095,619)
Exchange adjustments	-	54,049		54,049
At 30 September 2021	(27,197,271)	2,326,909	2,574,839	(22,295,523)

Company - deferred tax assets/(liabilities)	Other temporary differences £	Accelerated capital allowances	Total £
. At 1 October 2019	(270,972)	1,045,232	774,260
Charged to the income statement	(70,498)	(246,688)	(317,186)
Arising on adoption of IFRS 16	(503,593)	(51,891)	(555,484)
At 1 October 2020	(845,063)	746,653	(98,410)
Charged to the income statement	(356,334)	(657,113)	(1,013,447)
At 30 September 2021	(1,201,397)	89,540	(1,111,857)

14 Deferred income tax (continued)

The analysis of deferred tax assets and deferred tax liabilities is as follows:

		Group		Company	
	2021	2020	2021	2020	
	£	£	£	£	
Deferred tax assets:					
- to be recovered after more than 12 months	694,165	706,543	89,540	746,653	
	694,165	706,543	89,540	746,653	
Deferred tax liabilities:					
- to be recovered after more than 12 months	(22,989,688)	(12,960,496)	(1,201,397)	(845,063)	
	(22,989,688)	(12,960,496)	(1,201,397)	(845,063)	
Deferred tax liabilities – net	(22,295,523)	(12,253,953)	(1,111,857)	(98,410)	

Deferred income tax assets are recognised to the extent that the realisation of the related tax benefit through future taxable benefits is probable. Deferred income tax assets not recognised are comprised as follows:

	Group		Company		
	2021	2020	2021	2020	
	£	£	£ ,	£	
Accelerated capital allowances	27,413	41,667	27,413	.41,667	
Tax losses	4,391,513	8,555,750	· •	• -	
Other temporary differences	279,314	181,867	-	-	
	4,698,240	8,779,284	27,413	41,667	

No deferred tax asset has been recognised in relation to the above as in the opinion of the directors it may not be recoverable in the foreseeable future. The potential deferred tax assets will be recognised when it can be regarded as more likely than not that there will be sufficient taxable profits from which the tax losses, accelerated capital allowances and other temporary differences can be deducted.

15 Inventories

		2021	2020
Group		£	£
Raw materials		14,367,562	12,326,320
Work in progress		1,969,578	2,855,659
Finished goods	•	11,096,462	15,284,428
		 27,433,602	30,466,407

The cost of inventories recognised as expense and included in cost of sales amounted to £174,763,610 (2020: £160,745,802).

During the year £565,732 of inventory provisions were reversed as they were not used (2020: £373,248). The amount reversed has been included in cost of sales.

16 Trade and other receivables

		Group	C	ompany ·
	2021	2020	2021	2020
Current	£	£	£	. £
Trade receivables	135,689,953	123,879,666	_	-
Less: provision for impairment of trade receivables	(2,225,006)	(2,083,043)		-
Trade receivables (net)	133,464,947	121,796,623	,	_
Amounts owed by group undertakings (note 30)	· -	-	251,576,645	266,057,266
Finance lease receivables	•		1,071,274	1,037,014
Group relief receivable	. •		1,731,618	-
Other receivables	7,346,567	5,721,223	811,894	742,165
Prepayments and accrued income	35,856,824	33,835,145	4,038,365	3,092,732
	176,668,338	161,352,991	259,229,796	270,929,177

Trade receivables includes an amount of £3,621,359 (2020: £4,770,145) in respect of receivables subject to invoice discounting.

The fair values of trade and other receivables are not materially different from their carrying value. For the purposes of IFRS 9 "Financial instruments", all of the group's and parent company's financial assets are classified as measured at amortised cost.

•	•	Gr	oup	Co	mpany
		2021	2020	2021	2020
Non-Current	٠.	£	£	£	£
Finance lease receivables			-	11,992,404	13,063,678

The finance lease receivables arise in respect of leases of property to other group undertakings. The maturity of the lease receivable amounts under these lease agreements is shown in the table below:

	2021 £	2020 £
Receivable in:		
2021	-	1,472,568
2022	1,472,568	1,472,568
2023	1,472,568	1,472,568
2024	1,472,568	1,472,568
2025	1,472,568	1,472,568
2026	1,472,568	1,472,568
Thereafter	7,974,411	7,974,411
	15,337,251	16,809,819
Less: future interest income	(2,273,573)	(2,709,127)
	13,063,678	14,100,692

16 Trade and other receivables (continued)

The carrying amount of the group's and parent company's trade and other receivables are denominated in the following currencies:

	(Group	Co	Company	
	2021	2020	2021	2020	
	£	£	. £	£	
Currency					
UK pound sterling	49,940,836	60,386,342	113,069,201	113,583,152	
US dollar	108,689,892	83,707,718	130,909,544	137,160,864	
Euro	14,781,046	17,258,931	21,535,652	33,248,839	
Swiss Franc	368,256	• -	•	<u>-</u>	
Singapore dollar	2,036,905	-	4,630,441		
Japanese yen	851,403	-	1,077,362	-	
	176,668,338	161,352,991	271,222,200	283,992,855	

The maximum exposure to credit risk at the reporting date is the carrying value of each class of receivable above.

Trade receivables impaired and the amount of the impairment provision at 30 September 2021 was £2,225,006 (2020: £2,083,043). The individually impaired receivables mainly relate to invoices for which there is uncertainty over recoverability. It was assessed that a portion of the receivables is expected to be recovered. The trade receivables that were impaired were all overdue by more than two months.

Movements on the provision for impairment of trade receivables are as follows:

	Group		Company	
	2021	2020	2021	2020
	£	£	£	£
At 1 October	2,083,043	2,356,132	-	•
Exchange adjustment	(61,291)	(77,502)	· -	•
Provision for receivables impairment	965,535	768,974	-	
Receivables written off during the year as uncollectible	(158,317)	(102,118)	- *	•
Unused amounts reversed	(603,964)	(862,443)	-	-
At 30 September	2,225,006	2,083,043	-	-

The creation and release of the provision for impaired receivables has been included in administrative expenses in the income statement.

The group has recognised the following assets relating to contracts with customers (these are all included with accrued income):

	2021	2020
	£	£
Contract assets recognised at start of the year	20,166,405	14,185,652
Revenue recognised in prior years that was invoiced in the current year	(19,628,569)	(14,136,464)
Amounts recognised in revenue in the current year that will be invoiced in future years	19,738,860	20,117,217
Balance at the end of the year	20,276,696	20,166,405

Contract assets are expected to be invoiced in the year to 30 September 2022.

16 Trade and other receivables (continued)

The company applies the IFRS 9 simplified approach to measuring expected credit losses which uses a lifetime expected loss allowance for all trade receivables and contract assets.

To measure the expected credit losses, trade receivables and contract assets have been grouped based on shared credit risk characteristics and the days past due. The contract assets relate to unbilled work in progress and have substantially the same risk characteristics as the trade receivables for the same types of contracts. The group has therefore concluded that the expected loss rates for trade receivables are a reasonable approximation of the loss rates for the contract assets.

The expected loss rates are based on the payment profiles of sales over a period of 12 months before 30 September and the corresponding historical credit losses experienced within this period. The historical loss rates are adjusted to reflect current and forward looking information on macroeconomic factors affecting the ability of the customers to settle the receivables. On that basis, the loss allowance as at 30 September 2021 was deemed to be not materially different to that provision carried under IAS 39. The default rate on receivables is less than 1%. Receivables are generally due for settlement within 30 days and are therefore all classified as current and are within credit terms.

The group applies the practical expedient in IFRS 9 (which allows the group to measure impairment using the 12 month Expected Credit Loss model) in respect of amounts owed by group undertakings, for those balances that meet the following requirements:

- it has a low risk of default;
- · the counterparty is considered, in the short term, to have a strong capacity to meet its obligations in the near term; and
- the group expects, in the longer term, that adverse changes in economic and business conditions might, but will not necessarily, reduce the ability of the counterparty to fulfil its obligations.

For those balances where there is a higher risk of default the group follows the 3 stage approach within IFRS 9 to determine lifetime expected credit losses.

17 Cash and cash equivalents

•	(Group		Company	
	2021	2020	2021	2020	
	£	£	£	£	
Cash at bank and in hand	108,170,997	56,991,404	67,382,349	20,291,960	
Short term deposits	6,917,847	20,699,776	-	14,002,160	
	115,088,844	77,691,180	67,382,349	34,294,120	

Cash and cash equivalents include the following for the purposes of the cash flow statement:

	•	Group		Company		
		2021	2020	2021	2020	
		£	£	£	£	
Cash and cash equivalents		115,088,844	77,691,180	67,382,349	34,294,120	
Bank overdrafts (note 18)		(77,796)	(5,141,093)	-	(5,000,000)	
		115,011,048	72,550,087	67,382,349	29,294,120	

18 Borrowings

	G	roup	Co	Company		
	2021	2020	2021	2020		
Current	£	£	£	. £		
Bank overdrafts - secured	77,796	5,141,093	-	. 5,000,000		
Bank loans - secured (a)	2,172,685	4,938,950	1,380,873	3,943,916		
Other loans – secured (b)	•	205,746		205,746		
Amounts owed to group undertakings (c) (note 30)	•		324,037,051	279,795,313		
Amounts owed to related parties (d) (note 30)	· -,	178,590	·	178,590		
Finance lease obligations (e)	30,162	35,508	··· -	-		
Lease liabilities arising from IFRS 16	6,651,608	6,086,256	1,422,030	1,372,018		
	8,932,251	16,586,143	326,839,954	290,495,583		

Bank loans and overdrafts includes an amount of £nil (2020: £nil) in respect of receivables subject to invoice discounting.

	G	Froup	Company		
	2021	2020	2021	2020	
Non-current	£ .	£	£	£	
Bank loans - secured (a)	13,173,633	15,347,813	11,297,910	12,678,784	
Amounts owed to group undertakings (c) (note 30)	-		2,610,001	3,658,571	
Finance lease obligations (e)	24,170	. 54,332	. •	-	
Lease liabilities arising from IFRS 16	49,686,350	53,461,047	15,016,625	16,364,020	
	62,884,153	68,863,192	28,924,536	32,701,375	
Total borrowings	71,816,404	85,449,335	355,764,490	323,196,958	

(a) Bank loans consist of the following amounts which refer to loan agreements entered into in 2011 (amended in 2012, 2013, 2016 and 2021) and 2019:

Group:

- (i) A loan of \$3.6m and an additional \$1.2m advanced in 2012, which was fully repaid in March 2021. This loan was repayable over 28 quarters commencing September 2011 with a review after 5 years in June 2016 and interest was charged at LIBOR + margin. The review in June 2016 was completed and the remaining loan balance of £5.6m was repayable over 19 quarters commencing September 2016.
- (ii) A loan of £4.0m advanced in October 2019. This loan is repayable over 20 quarters commencing January 2020 and interest is charged at a fixed rate.

Group and parent company:

- (i) A loan of \$46.3m, which was fully repaid in June 2021. This loan was repayable over 28 quarters commencing September 2011 with a review after 5 years in June 2016 and interest was charged at LIBOR + margin. During 2014, \$16m was converted into a new sterling loan of £9.9m. The loan of £9.9m was repayable over 16 quarters commencing December 2013 with a review in June 2016 and interest was charged at LIBOR + margin. The reviews in June 2016 were completed and the remaining loan balances of £5.2m were repayable over 20 quarters.
- (ii) A loan of £15.0m, which was fully repaid in June 2021. This loan was repayable over 28 quarters commencing September 2011 with a review after 5 years in June 2016 and interest was charged at LIBOR + margin. The review in June 2016 was completed and the remaining loan balance of £4.9m was repayable over 20 quarters.
- (iii) A loan of £7.5m. This loan is repayable over 20 quarters commencing January 2020 and interest is charged at a fixed rate.
- (iiii) A loan of £7.5m. This loan is repayable over 20 quarters commencing January 2020 and interest is charged at LIBOR + margin. In line with changes in the banking industry, post year end this loan agreement was amended to charge interest at SONIA + margin.

The above loans are secured against assets within the group.

18 Borrowings (continued)

- (b) Group and parent company:
 - (i) A loan of £987,581, payable over 36 months commencing July 2018 with interest charged at a fixed rate. This loan was procured in order to acquire an intangible asset and is secured on the asset to which it relates.
- (c) Parent company:
 - (i) £322,988,482 (2020: £278,568,154) is owed to group undertakings. Interest is charged at LIBOR + margin, and the loans are repayable on demand. In line with changes in the banking industry, during the year the basis for charging interest migrated from LIBOR to Bank of England Base rate (and other short-term rates in respect of other currencies).
 - (ii) £178,570 (2020: £535,730) is owed to the Almac Employee Benefit Trust. Interest is charged at UK base rate plus 1%. The loan is being repaid in quarterly instalments which commenced in March 2015.
 - (iii) £3,480,000 (2020: £4,350,000) is owed to Galen Limited. Interest is charged at LIBOR plus a margin. The loan is being repaid in annual instalments which commenced in August 2018.
- (d) Group and parent company: £Nil (2020: £178,590) is owed to The McClay Foundation. Interest was charged at UK base rate plus 1%. The loan was being repaid in quarterly instalments from December 2014.
- (e) Finance leases are secured on the assets to which they relate.

The fair value of both current and non-current borrowings equals their carrying amount as the impact of discounting is not significant.

For the purposes of IFRS 9 "Financial instruments", the financial liabilities noted above are measured at amortised cost.

The carrying amount of the group's and the parent company's borrowings is denominated in the following currencies:

· ,	Group		Company		
	2021	2020	2021	2020	
•	£	£	£	£	
UK pound sterling	38,025,495	53,392,521	281,183,282	258,670,224	
US dollar	21,432,798	25,538,388	68,835,390	57,327,149	
Euro	9,395,773	6,518,426	5,745,818	7,199,585	
Singapore dollar	1,619,645				
Japanese yen	1,342,693	-	-	-	
	71,816,404	85,449,335	355,764,490	323,196,958	
The effective interest rates at the balance shee	t date were as follows:		2021 %	2020	
Bank overdrafts	-1		1.75 – 2.25	2.00 - 3.00	
Variable rate loans			1.50 - 2.50	1.10 - 3.00	
Fixed rate loans			2.00 - 4.00	2.00 - 5.68	
Finance leases			0.00 - 13.50	0.00 - 13.50	
Lease liabilities arising from IFRS 16			2.50 - 3.50	2.25 - 2.75	

18 Borrowings (continued)

Maturity of financial liabilities

The maturity profile of the carrying amount of non-current borrowings at 30 September was as follows:

· · · · · · · · · · · · · · · · · · ·	_	•		
	Loans and bank overdrafts	Finance lease obligations	IFRS 16 lease liabilities	Total
Group	2021 £	2021	2021 £	2021 £
In more than 1 year but not more than 2 years	2,236,484	14,585	6,484,089	8,735,158
In more than 2 years but not more than 5 years	10,937,149	9,585	14,516,631	25,463,365
In more than 5 years		•	28,685,630	28,685,630
	13,173,633	24,170	49,686,350	62,884,153
				٠.
	Loans and			
	bank	Finance lease	IFRS 16 lease	,
	overdrafts	obligations	liabilities	Total
Group	2020	2020	2020	2020
	£.	£	£_	£
In more than 1 year but not more than 2 years	2,174,179	30,162	5,871,456	8,075,797
In more than 2 years but not more than 5 years	13,173,634	24,170	14,424,120	27,621,924
In more than 5 years			33,165,471	33,165,471
	15,347,813	54,332	53,461,047	68,863,192
· · · · ·				
		• • •		
		. Amounts owed to		
	Bank and			
	other loans			Tota
	2021			202
Company			£	
In more than 1 year but not more than 2 years	1,418,924	870,000	1,445,157	3,734,08
In more than 2 years but not more than 5 years	9,878,986	1,740,000	4,259,443	15,878,42
In more than 5 years		. •	9,312,026	. 9,312,02
	11,297,910	2,610,000	15,016,626	28,924,53
	· · · · · ·			
		Amounts owed to		
	Bank and		IFRS 16 lease	
	other loan		liabilities	Total
•	2020	_	2020	2020
Company		£	£	£
In more than 1 year but not more than 2 years	1,380,87	3 1,048,570	1,397,882	3,827,325
In more than 2 years but not more than 5 years	11,297,910		4,234,008	18,141,918
In more than 5 years			10,732,132	10,732,132
	12,678,783	3 3,658,570	16,364,022	32,701,375
		2,020,270	,,	5 = , . 5 1,5 7 5

18 Borrowings (continued)

The amounts included in the tables below are the contractual undiscounted cash flows of current and non-current borrowings.

Group	Bank and other loans 2021	Amounts owed to related parties 2021	Finance lease obligations 2021 £	IFRS 16 lease liabilities 2021 £	Total 2021 £
In less than 1 year	. 2,557,658		32,313	8,443,196	11,033,167
In more than 1 year but not more than 2 years	2,561,599		15,492	8,148,983	10,726,074
In more than 2 years but not more than 5 years	11,254,855	-	9,888	18,165,803	29,430,546
In more than 5 years	-	•	-	32,204,161	32,204,161
	16,374,112		57,693	66,962,143	83,393,948

		Amounts owed to	Finance	IFRS 16	
Group	Bank and other loans 2020 £	related parties 2020	lease obligations 2020	lease liabilities 2020 £	Total 2020 £
In less than 1 year	10,794,638	179,327	39,277	8,195,285	19,208,527
In more than 1 year but not more than 2 years	2,557,437	• •	32,313	7,632,491	10,222,241
In more than 2 years but not more than 5 years	13,817,612	1 3 ±	25,380	18,180,200	32,023,192
In more than 5 years	· - ·	-	·	38,178,939	38,178,939
	27,169,687	179,327	96,970	72,186,915	99,632,899

Company	Bank and other loans 2021 £	Amounts owed to group undertakings 2021 £	Amounts owed to related parties 2021	IFRS16 lease liabilities 2021 £	Total 2021 £
In less than 1 year	1,690,545	324,125,055		1,927,451	327,743,051
In more than 1 year but not more than 2 years	1,695,337	935,820		1,904,643	4,535,800
In more than 2 years but not more than 5 years	10,172,028	1,805,820		5,361,808	17,339,656
In more than 5 years	· · · · · ·	-	, -	10,252,078	10,252,078
	13,557,910	326,866,695		19,445,980	359,870,585

18 Borrowings (continued)

Company	Bank and other loans 2020	Amounts owed to group undertakings 2020	Amounts owed to related parties 2020	IFRS16 lease liabilities 2020 £	Total 2020 £
In less than 1 year	9,562,009	279,907,997	179,327	1,920,877	291,570,210
In more than 1 year but not more than 2 years	1,691,175	1,136,214	· - ·	1,902,069	4,729,458
In more than 2 years but not more than 5 years	11,868,523	2,741,112		5,473,609	20,083,244
In more than 5 years		·		11,993,305	11,993,305
	23,121,707	283,785,323	179,327	21,289,860	328,376,217

19 Trade and other payables

		Group	Co	Company		
	2021	2020	2021	2020		
	£	£	£	· . £		
Trade payables	33,985,037	31,697,690	2,963,553	1,282,713		
Amounts owed to group undertakings (note 31)	•	· ·	11,543,793	11,501,430		
Other tax and social security	4,793,643	6,606,062	666,277	1,446,572		
Other creditors	8,349,725	8,936,914	• •	-		
Accruals and deferred income	83,510,943	80,208,593	6,821,349	9,196,816		
	130,639,348	127,449,259	21,994,972	23,427,531		

The fair values of trade and other payables are not materially different from their carrying values as the impact of discounting is not significant. There is no material difference between the amounts shown above and the total contractual undiscounted cash flows of trade and other payables.

For the purposes of IFRS 9 "Financial instruments" the financial liabilities noted above are classified as measured at amortised cost

The group has recognised the following liabilities relating to contracts with customers (these are all included with deferred income):

		2021	2020
·		£	£
Contract liabilities recognised at start of the year		13,659,889	13,534,354
Amounts invoiced in prior years recognised as revenu	(11,362,740)	(9,871,079)	
Amounts invoiced in the current year which will be re	ecognised as revenue in later years	15,296,323	9,996,614
Balance at the end of the year	· · · · · · · · · · · · · · · · · · ·	17,593,472	13,659,889

Contract liabilities are expected to be recognised as revenue within 12 months of the year end.

20 Deferred income

			•	Group	Company
Government and other grants		٠.		£	. £
At 1 October 2019			,	16,269,150	1,355
Capital and other grants received during the year	6	•		4,031,698	-
Released to the income statement		•		(2,168,698)	(612)
Exchange adjustment				(293,645)	-
At 1 October 2020		· · ·		17,838,505	743
Capital and other grants received during the year				3,358,236	-
Released to the income statement	•			(2,318,559)	(297)
Exchange adjustment				104,142	-
At 30 September 2021			:	18,982,324	. 446

The maturity profile of the carrying amount of deferred income, at 30 September was as follows:

	. G i	roup	Company		
•	2021	2020	2021	2020	
	£	£	£	· £	
Less than one year	2,249,296	2,248,534	298	298	
In more than one year but not more than two years	2,024,189	1,921,326	148	298	
In more than two years but not more than five years	6,491,957	6,128,956	<u>-</u> ·	147	
Later than five years	8,216,882	7,539,689		* k = -	
	18,982,324	17,838,505	446	7,43	

21 Other non-current liabilities

	C	Group'	, (Company
	2021	2020	2021	. 2020
	£	£	£	. £
Accruals	15,383,139	12,126,039	2,023,584	1,480,436

Maturity of non-current liabilities

The maturity profile of the carrying amount of non-current liabilities at 30 September was as follows:

	G	roup	Con	npany.
	2021	2020	2021	2020
	£	£	£	· £
In more than one year but not more than two years	6,073,882	3,987,008	1,042,917	667,404
In more than two years but not more than five years	9,029,150	8,128,450	980,667	813,032
In more than five years	280,107	10,581	•	
	15,383,139	12,126,039	2,023,584	1,480,436

There is no material difference between the amounts shown above and the total contractual undiscounted cash flows of other non-current liabilities.

22 Provisions for liabilities and charges

	Group	Company
Private medical claims provision		£
At 1 October 2019	3,225,066	
Charged to the income statement	3,908,125	· · · · · -
Utilised during the year	(3,099,087)	-
Exchange adjustment	(156,275)	·
At 30 September 2020	3,877,829	-
Charged to the income statement	1,281,481	-
Utilised during the year	(1,483,259)	-
Exchange adjustment	(172,348)	
At 30 September 2021	3,503,703	

See also contingent liability disclosed in note 28.

23 Share capital and share premium

Group and company	•	2021	· 2020
Authorised share capital	£	£	
139,999,999 (2020: 139,999,999) ordinary	A shares of £1 each	139,999,999	139,999,999
10,000,000 (2020: 10,000,000) class B non	-voting ordinary shares of £1 each	10,000,000	10,000,000
1 (2020:1) founder share of £1		1	1
		150,000,000	150,000,000

The ordinary A shares, B shares rank pari passu in all respects and enjoy the same rights and privileges save that the B shares are non-voting. The Founder share has veto rights in a number of areas; however it does not receive an economic benefit from the group. All shares rank in full for dividends.

	· <u>S</u>	Shares of £1 each Class B		
Group and company Allotted and fully paid and share capital	Ordinary A	ordinary £	Founder £	Total £
At 1 October 2020	13,534,728	1,761,583	1	15,296,312
At 30 September 2021	13,534,728	1,761,583	1	15,296,312

Group and company	Share premium £
At 1 October 2020	173,911,921
At 30 September 2021	173,911,921

24 Employee benefit trusts

Under IFRS, an entity that controls an employee benefit trust is required by SIC 12 "Consolidation – Special Purpose Entities" to consolidate that Trust. Accordingly the assets, liabilities and transactions of the Almac Employee Benefit Trust and the Almac Offshore Employee Benefit Trust have been consolidated in these group financial statements. The Trusts are discretionary trusts established for the benefit of employees and former employees of the parent company, including directors, and may be used to meet obligations under the direction of the Trustees. At 30 September 2021 no shares of the parent company were held by the Trusts.

25 Cash generated from operations

	• . • •	Group	Company			
	2021	2020	2021	2020		
	£	£	£	£		
Profit/(loss) before income tax	80,782,394	63,549,574	(9,145,442)	(5,837,179)		
Adjustments for:		•				
Finance income	(9,254)	(14,060)	(7,199,926)	(9,356,442)		
Finance costs	9,370,422	4,398,009	15,125,971	13,055,605		
Depreciation of property, plant and equipment	22,215,816	21,111,524	1,198,440	1,344,790		
Depreciation of right of use assets	6,376,568	7,176,992	389,732	399,377		
Amortisation of intangible assets	8,180,234	8,530,765	633,772	619,256		
Provision against amounts owed by group undertakings	-	-	3,822,433	4,075,399		
Research and development credit	(5,863,441)	- (4,830,077)	· -	-		
Loss on disposal of property, plant and equipment	83,876		2,034	• -		
Release of capital grant	(2,318,559)	(2,168,698)	(297)	(612)		
Movement in inventories	2,862,314	(1,135,709)	-			
Movement in trade and other receivables	(18,505,057)	(12,705,731)	(15,576)	(296,391)		
Movement in trade and other payables	8,242,600	24,648,720	(705,487)	57,563		
Net cash generated from operations	111,417,913	108,561,309	4,105,654	4,061,366		

Net debt - Group	•						
	Bank loans	Other loans £	Related party	Leases	Subtotal £	Cash £	Total £
Net debt as at 1 October 2019	(6,804,192)	(812,174)	(446,445)	(101,738)	(8,164,549)	11,409,669	3,245,120
Recognised on adoption of IFRS-16	-		÷	(64,118,599)	(64,11,8,599)	-	(64,118,599)
Cash flows	(13,503,300)	606,428	267,855	9,396,269	(3,232,748)	61,661,623	58,428,875
Acquisitions – leases	-		·	(2,611,326)	(2,611,326)	-	(2,611,326)
Other changes	20,729	-	-	(2,201,749)	(2,181,020)	. (521,205)	(2,702,225)
Net debt as at 30 September 2020 and 1 October 2020	(20,286,763)	(205,746)	(178,590)	(59,637,143)	(80,308,242)	72,550,087	(7,758,155)
Cash flows	4,934,495	205,746	178,590	8,179,226	13,498,057	43,554,614	57,052,671
Acquisitions – leases	-	•	-	(4,529,109)	(4,529,109)	-	(4,529,109)
Other changes *	5,950			(405,264)	(399,314)	(1,093,653)	(1,492,967)
Net debt as at 30 September 2021	(15,346,318)	•		(56,392,290)	(71,738,608)	115,011,048	43,272,440

25 Cash generated from operations (continued)

Net debt - Company

company								
	Bank loans	Other loans	Intercompany £	Related party	Leases £	Subtotal £	Cash £	Total £
Net debt as at 1 October 2019	(6,102,565)	(812,174)	(257,932,274)	(446,445)	.** -	(265,293,458)	(11,700,848)	(276,994,306)
Recognised on adoption of IFRS 16	-,	-	-		(18,221,778)	(18,221,778)	-	(18,221,778)
Cash flows	(10,520,135)	606,428	(25,521,610)	267,855	1;129,302	(34,038,160)	40,994,968	6,956,808
Acquisitions – leases	-		· -		(55,641)	(55,641)	-	(55,641)
Other changes	<i>-</i> 2.	• •		-	(587,921)	. (587,921)	-	(587,921)
Net debt as at 30 September 2020 and 1 October 2020	(16,622,700)	(205,746)	(283,453,884)	(178,590)	(17,736,038)	(318,196,958)	29,294,120	(288,902,838)
Cash flows	. 3,943,917	205,746	(43,193,168)	178,590	1,886,050	(36,978,865)	38,088,229	1,109,364
Acquisitions – leases			· · .		(38,143)	(38,143)	- -	(38,143)
Other changes *	-		-		(550,524)	(550,524)		(550,524)
Net debt as at 30 September 2021	(12,678,783)	•	(326,647,052)		(16,438,655)	(355,764,490)	67,382,349	(288,382,141)

^{*}Other changes includes interest charged in the financial year.

26 Pension commitments

The group operates a defined contribution scheme for employees whereby the assets of the scheme are held separately from those of the group in an independently administered scheme. Pension costs for the defined contribution scheme were as follows:

	•	•		2021	2010
Group	 * .	••		£	£
Defined contribution scheme		•		8,715,100	7,943,844

Amounts owed to the pension scheme as at 30 September 2021 totalled £1,432,712 (2020: £1,274,834).

		•		2021		2020
Company				£		£
Defined contribution scheme				843,300	7	71,946

Amounts owed to the pension scheme as at 30 September 2021 totalled £150,249 (2020: £129,101).

27 Capital and other financial commitments

Contracts placed for future expenditure not provided in the financial statements:

	•		•			2021	2020
Group						£	£
Property, plant and equipment	••					19,228,542	7,402,422
Intangible assets,						1,384,261	1,621,402
	.:	•				2021	2021
Company			• ,	, .	•	£	£
Property, plant and equipment						400,436	671,133
Intangible assets		•				1,382,635	

28 Contingencies

There exists a contingent liability to repay certain capital and revenue grants received from Invest Northern Ireland (formerly the Industrial Development Board) if future employment levels fall below specified levels. The directors do not anticipate any repayment falling due under the terms on which the grants were received.

The company bank borrowings are secured by certain fixed and floating charges over the property assets and undertakings of the company.

The group operates a self-insured medical plan in respect of its employees in the United States of America. The group has made a provision in these financial statements for employee medical claims which are known at the balance sheet date as well as those which have been incurred but have not yet been reported (subject to an actuarial valuation). The group has a stop-loss insurance policy in place which limits individual claims to \$325,000.

29 Share-based payments

The group operates a phantom share scheme whereby share awards are granted to directors and senior management employees. The share award is granted for £nil consideration and is conditional on the director or employee continuing in employment for a period of three years from the date the share award is made, which is the first of January following the financial year end. The group accounts for these share awards as cash-settled share-based payments which are measured at fair value and recognised as an expense in the income statement with a corresponding increase in liabilities (within accruals). The fair value is recognised over the period during which employees become unconditionally entitled to the awards, subject to the group's estimate of the number of awards which will lapse due to employees leaving the group prior to vesting. The total amount recognised in the income statement as an expense is adjusted to reflect the actual amount of awards that are expected to vest, except where forfeiture is due to employee's termination of contract.

Share awards are exercisable from the first of January, three years following the award date. The share award is exercisable at the share price at the end of the financial year when the share is exercisable and all share awards are cash settled.

The fair value of each share award granted and the assumptions used in the calculation are as follows:

Grant date			30 Sep	tember 2021	30 September 2020
Share price at grant date	·			£1.300	£1.023
Number of employees		•	,	107	111
Share awards				1,753,534	2,109,466
Vesting period (years)	•		.•	4*	4*
Option life (years)			•	.4	. 4
Expected life (years)	•	• • • •	٠	4	4
Fair value			•	£1.300	£1.023

^{*}The vesting period is four years which is made up of the three years from the date of issue plus the year of service incurred in order to be eligible for the award.

The weighted average fair value of share awards granted during the year was £1.300 (2020: £1.023).

Movements in the number of share awards outstanding are as follows:

	2021	2020 Number
	Number	
Outstanding at 1 October	5,729,595	5,684,653
Granted	1,753,534	2,109,466
Forfeited	(56,643)	(123,078)
Exercised	(1,709,656)	(1,941,446)
Outstanding at 30 September	5,716,830	5,729,595
Exercisable on 1 January 2022/2021	1,938,738	1,696,221

The weighted average share price of share awards exercised in the year was £1.300 (2020: £1.023).

29 Share-based payments (continued)

Share awards outstanding at the end of the year have the following expiry dates:

· ·							2021	2020
		٠		. :		•	Number	Number
2021			-					1,696,221
2022				,	•		1,938,738	1,958,689
2023		•	•	•			2,055,156	2,074,685
2024							1,722,936	-

The total expense recognised in the income statement was £6,337,336 (2020: £2,549,015). The liability at 30 September 2021 was £9,940,397 (2020: £5,953,142).

30 Ultimate controlling party and related party transactions

Due to a split of ownership and control over the group there is not considered to be an ultimate parent undertaking.

Almac Group Limited, a company incorporated in Northern Ireland, is the parent undertaking of the largest and smallest group of undertakings of which the company is a member and for which group financial statements are prepared. The registered office of Almac Group Limited is Almac House, 20 Seagoe Industrial Estate, Craigavon, BT63 5QD.

At the balance sheet date, the ultimate controlling parties are A D Armstrong, S Campbell, C Hayburn and J W Irvine. The McClay Foundation is a related party due to common directors.

Companies under common control are also related parties under IAS 24. Transactions entered into during the year with such parties are as follows:

	2021	2020
Group	. £	£
Interest receivable from / (payable to) related parties	737	(5,366)
Amounts owed to related parties		(178,590)
	2021	2020
Company	£	£
Sales to group undertakings	44,655,308	41,085,920
Purchases from group undertakings	(630,811)	(552,043)
Interest receivable from group undertakings	6,761,562	8,882,858
Interest payable to group undertakings	(7,074,323)	(7,804,533)
Amounts owed by group undertakings (*)	251,576,645	266,057,266
Amounts owed to group undertakings	(338,190,845)	(294,955,314)
Amounts owed to related parties	•	(178,590)
Group relief receivable/(payable)	1,731,618	644,211

Details of amounts owed by and to related parties are disclosed in notes 16, 18 and 19 respectively. Details of interest payable and receivable on related party balances are disclosed in note 6.

^(*) Amounts owed by group undertakings are stated after provisions of £40,002,170 (2020: £36,179,737).