Company registration number 09891877 (England and Wales)

BRAMBLE ENERGY LTD

ANNUAL REPORT AND FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2021

PAGES FOR FILING WITH REGISTRAR



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DIRECTORS' REPORT

FOR THE YEAR ENDED 31 DECEMBER 2021

The directors present their annual report and financial statements for the year ended 31 December 2021.

Principal activities

The principal activity of the company is the development and manufacture of PCB fuel cells.

Results and dividends

The results for the year are set out on .

Building on the achievements of 2020, 2021 was a transformational year for Bramble with significant progress made both commercially and operationally.

Mobility Solutions

During 2021, in collaboration with MAHLE Powertrain, Bramble demonstrated the integration of its PCBFC™ technology into a light commercial vehicle designed to extend the range of the battery electric vehicle. The project took under 1 year from concept to vehicle demonstration.

Bramble also engaged in a number of other collaboration projects during the year with applications across land, sea and air. This included a feasibility study with an eVTOL business and a 10kW system for a marine demonstration seagoing vessel.

Portable Solutions

Bramble Energy successfully developed and trialled a new portable power solution (called 'SDX') during 2021 which is set for a wider commercial launch during the first half of 2022. The SDX range will provide clean, off-grid power using Bramble's patented PCBFC™ technology.

Platform Applications

Bramble Energy are developing scalable electrolysis technology using the core competencies of the business and in early 2022 received grant funding from the department for Business, Energy & Industrial Strategy (BEIS) to support this development.

A number of other applications of Bramble's core technology are in various stages of development.

Operational Updates

2021 saw the business rapidly expand both technologically and operationally. The number of employees has risen rapidly throughout the year and will continue to rise during 2022 and beyond. Investment in development, facility and testing capabilities has also ramped up during 2021 and into 2022.

Funding

Bramble successfully closed a Series B funding round in February 2022 which resulted in over £35m of new cash in the business. The round was led by HydrogenOne Capital plc with all existing major investors also participating. The new funding will be used to accelerate development of mobility products, comprecialisation of portable solutions and the further expansion of the team.

DIRECTORS' REPORT (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2021

Directors

The directors who held office during the year and up to the date of signature of the financial statements were as follows:

Dr T J Mason

IP2IPO Services Limited

Mr C G Scrivener

Mr J M Simon (Resigned 5 July 2021)

Parkwalk Advisors Ltd

Mr I Downing(Appointed 5 July 2021)Mr R J Hulf(Appointed 14 February 2022)Mr J Schmitt(Appointed 1 March 2022)Mrs N Hodson(Appointed 12 March 2022)

Auditor

The auditor, MHA Moore and Smalley, is deemed to be reappointed under section 487(2) of the Companies Act 2006.

Statement of disclosure to auditor

Each director in office at the date of approval of this annual report confirms that:

- so far as the director is aware, there is no relevant audit information of which the company's auditor is unaware, and
- the director has taken all the steps that he / she ought to have taken as a director in order to make himself / herself aware of any relevant audit information and to establish that the company's auditor is aware of that information.

This confirmation is given and should be interpreted in accordance with the provisions of section 418 of the Companies Act 2006.

Small companies exemption

This report has been prepared in accordance with the provisions applicable to companies entitled to the small companies exemption.

On behalf of the board

Dr T J Mason Director

22 September 2022

STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2021

	Notes	2021 £	2020 £
Non-current assets			
Intangible assets	3	355,334	297,748
Property, plant and equipment	4	3,134,060	554,418
rioporty, plant and oquipment	·		
		3,489,394	852,166
Current assets			
Trade and other receivables	5	936,702	311,549
Current tax recoverable		16,365	82,297
Cash and cash equivalents		869,962 	3,689,915
		1,823,029	4,083,761
Current liabilities			
Trade and other payables	8	317,251	78,045
Convertible loan notes	7	3,000,000	-
Lease liabilities	9	197,788 	
		3,515,039	78,045
Net current (liabilities)/assets		(1,692,010)	4,005,716
Non-current liabilities			
Lease liabilities	9	78,068	-
Long term provisions	10	25,000	
		103,068	-
Net assets		1,694,316	4,857,882
Equity			
Called up share capital	11	72	68
Share premium account	13	6,258,717	6,258,626
Retained earnings		(4,564,473)	(1,400,812)
Total equity		1,694,316	4,857,882

These financial statements have been prepared in accordance with the provisions applicable to companies subject to the small companies regime.

The directors of the company have elected not to include a copy of the income statement within the financial statements.

The financial statements were approved by the board of directors and authorised for issue on 22 September 2022 and are signed on its behalf by:

STATEMENT OF FINANCIAL POSIT	ION (CONTINUED)	
AS AT 31 DECEMBER 2021		
Dr T J Mason		
Director		
Company registration number 0989	31877	

NOTES TO THE FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2021

1 Accounting policies

Company information

Bramble Energy Ltd is a private company limited by shares incorporated in England and Wales. The registered office is 6 Satellite Business Village, Fleming Way, Crawley, RH10 9NE. The company's principal activities and nature of its operations are disclosed in the directors' report.

1.1 Accounting convention

The financial statements have been prepared in accordance with International Financial Reporting Standards (IFRS) as adopted for use in the United Kingdom and with those parts of the Companies Act 2006 applicable to companies reporting under IFRS, except as otherwise stated.

The financial statements are prepared in sterling, which is the functional currency of the company. Monetary amounts in these financial statements are rounded to the nearest \mathfrak{L} .

The financial statements have been prepared under the historical cost convention. The principal accounting policies adopted are set out below.

The company has adopted International Financial Reporting Standards (IFRS) for the first time during the year ended 31 December 2021. There has been no changes to the entity's previously reported financial position as a result of this transition.

1.2 Going concern

The directors have at the time of approving the financial statements, a reasonable expectation that the company has adequate resources to continue in operational existence for the foreseeable future. Thus the directors continue to adopt the going concern basis of accounting in preparing the financial statements.

On 14 February 2022 the company successfully completed a Series B funding round which saw £35m of cash injected into the business. Management intend to use these funds to grow the team and commercialise Bramble's products.

1.3 Revenue

Revenue is recognised at the fair value of the consideration received or receivable for goods and services provided in the normal course of business, and is shown net of VAT.

Revenue is recognised by reference to the stage of completion when the stage of completion, costs incurred and costs to complete can be estimated reliably. Where the outcome cannot be estimated reliably, revenue is recognised only to the extent of the expenses recognised that are recoverable. Revenue is recognised in full upon the transfer of goods or services to the customer.

1.4 Intangible assets other than goodwill

Intangible assets acquired separately from a business are recognised at cost and are subsequently measured at cost less accumulated amortisation and accumulated impairment losses.

Amortisation is recognised so as to write off the cost or valuation of assets less their residual values over their useful lives on the following bases:

- Software 10% and 33% straight line
- Patents 5% straight line

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2021

1 Accounting policies

(Continued)

1.5 Property, plant and equipment

Property, plant and equipment are initially measured at cost and subsequently measured at cost, net of depreciation and any impairment losses.

Depreciation is recognised so as to write off the cost or valuation of assets less their residual values over their useful lives on the following bases:

Improvements to property10% straight lineFixtures and fittings33% straight linePlant and equipment10% straight lineComputer equipment33% straight lineMotor vehicles25% straight line

Right of Use Assets Over the term of the lease

The gain or loss arising on the disposal of an asset is determined as the difference between the sale proceeds and the carrying value of the asset, and is recognised in the income statement.

1.6 Impairment of tangible and intangible assets

At each reporting period end date, the company reviews the carrying amounts of its tangible and intangible assets to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss (if any).

Intangible assets with indefinite useful lives and intangible assets not yet available for use are tested for impairment annually, and whenever there is an indication that the asset may be impaired.

Recoverable amount is the higher of fair value less costs to sell and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset for which the estimates of future cash flows have not been adjusted.

If the recoverable amount of an asset is estimated to be less than its carrying amount, the carrying amount of the asset is reduced to its recoverable amount. An impairment loss is recognised immediately in the or account.

1.7 Cash and cash equivalents

Cash and cash equivalents are basic financial assets and includes cash held at call with banks.

1.8 Financial assets

Financial assets are recognised in the company's statement of financial position when the company becomes party to the contractual provisions of the instrument. Financial assets are classified into specified categories, depending on the nature and purpose of the financial assets.

At initial recognition, financial assets classified as fair value through profit and loss are measured at fair value and any transaction costs are recognised in profit or loss. Financial assets not classified as fair value through profit and loss are initially measured at fair value plus transaction costs.

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2021

1 Accounting policies

(Continued)

Financial assets at fair value through profit or loss

When any of the above-mentioned conditions for classification of financial assets is not met, a financial asset is classified as measured at fair value through profit or loss. Financial assets measured at fair value through profit or loss are recognized initially at fair value and any transaction costs are recognised in profit or loss when incurred. A gain or loss on a financial asset measured at fair value through profit or loss is recognised in profit or loss, and is included within finance income or finance costs in the statement of income for the reporting period in which it arises.

Financial assets held at amortised cost

Financial instruments are classified as financial assets measured at amortised cost where the objective is to hold these assets in order to collect contractual cash flows, and the contractual cash flows are solely payments of principal and interest. They arise principally from the provision of goods and services to customers (eg trade receivables). They are initially recognised at fair value plus transaction costs directly attributable to their acquisition or issue, and are subsequently carried at amortised cost using the effective interest rate method, less provision for impairment where necessary.

Impairment of financial assets

Financial assets, are assessed for indicators of impairment at each reporting end date.

Financial assets are impaired where there is objective evidence that, as a result of one or more events that occurred after the initial recognition of the financial asset, the estimated future cash flows have been affected. If an asset is impaired, the impairment loss is the difference between the carrying amount and the present value of the estimated cash flows discounted at the asset's original effective interest rate. The impairment loss is recognised in the or account.

Derecognition of financial assets

Financial assets are derecognised 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 to another entity.

1.9 Financial liabilities

The company recognises financial debt when the company becomes a party to the contractual provisions of the instruments. Financial liabilities are classified as either 'financial liabilities at fair value through profit or loss' or 'other financial liabilities'.

Other financial liabilities

Other financial liabilities, including borrowings, trade payables and other short-term monetary liabilities, are initially measured at fair value net of transaction costs directly attributable to the issuance of the financial liability. They are subsequently measured at amortised cost using the effective interest method. For the purposes of each financial liability, interest expense includes initial transaction costs and any premium payable on redemption, as well as any interest or coupon payable while the liability is outstanding.

Derecognition of financial liabilities

Financial liabilities are derecognised when, and only when, the company's obligations are discharged, cancelled, or they expire.

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2021

1 Accounting policies

(Continued)

1.10 Compound instruments

The component parts of compound instruments issued by the company are classified separately as financial liabilities and equity in accordance with the substance of the contractual arrangement. At the date of issue, the fair value of the liability component is estimated using the prevailing market interest rate for a similar non-convertible instrument. This amount is recorded as a liability on an amortised cost basis using the effective interest method until extinguished upon conversion or at the instrument's maturity date. The equity component is determined by deducting the amount of the liability component from the fair value of the compound instrument as a whole. This is recognised and included in equity net of income tax effects and is not subsequently remeasured.

1.11 Equity instruments

Equity instruments issued by the company are recorded at the proceeds received, net of direct issue costs. Dividends payable on equity instruments are recognised as liabilities once they are no longer at the discretion of the company.

1.12 Taxation

The tax expense represents the sum of the tax currently payable and deferred tax.

Current tax

The tax currently payable is based on taxable profit for the year. Taxable profit differs from net profit as reported in the income statement because it excludes items of income or expense that are taxable or deductible in other years and it further excludes items that are never taxable or deductible. The company's liability for current tax is calculated using tax rates that have been enacted or substantively enacted by the reporting end date.

Deferred tax

Deferred tax is the tax expected to be payable or recoverable on differences between the carrying amounts of assets and liabilities in the financial statements and the corresponding tax bases used in the computation of taxable profit, and is accounted for using the balance sheet liability method. Deferred tax liabilities are generally recognised for all taxable temporary differences and deferred tax assets are recognised to the extent that it is probable that taxable profits will be available against which deductible temporary differences can be utilised. Such assets and liabilities are not recognised if the temporary difference arises from goodwill or from the initial recognition of other assets and liabilities in a transaction that affects neither the tax profit nor the accounting profit.

The carrying amount of deferred tax assets is reviewed at each reporting end date and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered. Deferred tax is calculated at the tax rates that are expected to apply in the period when the liability is settled or the asset is realised. Deferred tax is charged or credited in the income statement, except when it relates to items charged or credited directly to equity, in which case the deferred tax is also dealt with in equity. Deferred tax assets and liabilities are offset when the company has a legally enforceable right to offset current tax assets and liabilities and the deferred tax assets and liabilities relate to taxes levied by the same tax authority.

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2021

1 Accounting policies

(Continued)

1.13 Provisions

Provisions are recognised when the company has a legal or constructive present obligation as a result of a past event and it is probable that the company will be required to settle that obligation, and a reliable estimate can be made of the amount of the obligation.

The amount recognised as a provision is the best estimate of the consideration required to settle the present obligation at the reporting end date, taking into account the risks and uncertainties surrounding the obligation. Where a provision is measured using the cash flows estimated to settle the present obligation, its carrying amount is the present value of those cash flows.

When some or all of the economic benefits required to settle a provision are expected to be recovered from a third party, a receivable is recognised as an asset if it is virtually certain that reimbursement will be received and the amount of the receivable can be measured reliably.

1.14 Employee benefits

The costs of short-term employee benefits are recognised as a liability and an expense.

1.15 Retirement benefits

Payments to defined contribution retirement benefit schemes are charged as an expense as they fall due.

1.16 Share-based payments

Equity-settled share-based payments are measured at fair value at the date of grant by reference to the fair value of the equity instruments granted using the Black Scholes model. The fair value determined at the grant date is expensed on a straight-line basis over the vesting period, based on the estimate of shares that will eventually vest. A corresponding adjustment is made to equity.

When the terms and conditions of equity-settled share-based payments at the time they were granted are subsequently modified, the fair value of the share-based payment under the original terms and conditions and under the modified terms and conditions are both determined at the date of the modification. Any excess of the modified fair value over the original fair value is recognised over the remaining vesting period in addition to the grant date fair value of the original share-based payment. The share-based payment expense is not adjusted if the modified fair value is less than the original fair value.

Cancellations or settlements (including those resulting from employee redundancies) are treated as an acceleration of vesting and the amount that would have been recognised over the remaining vesting period is recognised immediately.

1.17 Leases

At inception, the company assesses whether a contract is, or contains, a lease within the scope of IFRS 16. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. Where a tangible asset is acquired through a lease, the company recognises a right-of-use asset and a lease liability at the lease commencement date. Right-of-use assets are included within property, plant and equipment, apart from those that meet the definition of investment property.

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

1 Accounting policies

(Continued)

The right-of-use asset is initially measured at cost, which comprises the initial amount of the lease liability adjusted for any lease payments made at or before the commencement date plus any initial direct costs and an estimate of the cost of obligations to dismantle, remove, refurbish or restore the underlying asset and the site on which it is located, less any lease incentives received.

The right-of-use asset is subsequently depreciated using the straight-line method from the commencement date to the earlier of the end of the useful life of the right-of-use asset or the end of the lease term. The estimated useful lives of right-of-use assets are determined on the same basis as those of other property, plant and equipment. The right-of-use asset is periodically reduced by impairment losses, if any, and adjusted for certain remeasurements of the lease liability.

The lease liability is initially measured at the present value of the lease payments that are unpaid at the commencement date, discounted using the interest rate implicit in the lease or, if that rate cannot be readily determined, the company's incremental borrowing rate. Lease payments included in the measurement of the lease liability comprise fixed payments, variable lease payments that depend on an index or a rate, amounts expected to be payable under a residual value guarantee, and the cost of any options that the company is reasonably certain to exercise, such as the exercise price under a purchase option, lease payments in an optional renewal period, or penalties for early termination of a lease.

The lease liability is measured at amortised cost using the effective interest method. It is remeasured when there is a change in: future lease payments arising from a change in an index or rate; the company's estimate of the amount expected to be payable under a residual value guarantee; or the company's assessment of whether it will exercise a purchase, extension or termination option. When the lease liability is remeasured in this way, a corresponding adjustment is made to the carrying amount of the right-of-use asset, or is recorded in profit or loss if the carrying amount of the right-of-use asset has been reduced to zero.

The company has elected not to recognise right-of-use assets and lease liabilities for short-term leases of machinery that have a lease term of 12 months or less, or for leases of low-value assets including IT equipment. The payments associated with these leases are recognised in profit or loss on a straight-line basis over the lease term.

1.18 Grants

Grants are recognised at the fair value of the asset received or receivable when there is reasonable assurance that the grant conditions will be met and the grants will be received.

A grant that specifies performance conditions is recognised in income when the performance conditions are met. Where a grant does not specify performance conditions it is recognised in income when the proceeds are received or receivable. A grant received before the recognition criteria are satisfied is recognised as a liability.

1.19 Foreign exchange

Transactions in currencies other than pounds sterling are recorded at the rates of exchange prevailing at the dates of the transactions. At each reporting end date, monetary assets and liabilities that are denominated in foreign currencies are retranslated at the rates prevailing on the reporting end date. Gains and losses arising on translation in the period are included in profit or loss.

1.20 Research and development expenditure

Research expenditure is written off against profits in the year in which it is incurred. Identifiable development expenditure is capitalised to the extent that the technical, commercial and financial feasibility can be demonstrated.

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

2 Employees

The average monthly number of persons (including directors) employed by the company during the year was:

			2021 Number	2020 Number
			25	7
3	Intangible assets	Software	Patents & licences	Total
		£	£	£
	Cost			
	At 1 January 2020	5,500	85,142	90,642
	Additions	33,970	188,389	222,359
	At 31 December 2020	39,470	273,531	313,001
	Additions - purchased	2,475	83,348	85,823
	At 31 December 2021	41,945	356,879	398,824
	Amortisation and impairment			
	At 1 January 2020	2,246	2,836	5,082
	Charge for the year	4,324	5,847	10,171
	At 31 December 2020	6,570	8,683	15,253
	Charge for the year	12,699	15,538	28,237
	At 31 December 2021	19,269	24,221	43,490
	Carrying amount			
	At 31 December 2021	22,676	332,658	355,334
	At 31 December 2020	32,900	264,848	297,748
	At 31 December 2019	3,254	82,306	85,560

BRAMBLE ENERGY LTD

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

4	Property, plant and equipment								
		Improvements to property	Assets under construction	Plant and equipment	Fixtures and fittings	Computer Motor vehicles equipment	otor vehicles	Right of Use Assets	Total
		מז	th	m	m	מז	מו	מז	m
	Cost								
	At 1 January 2020	1	ı	1		10,501	ı	ı	10,501
	Additions	42,955	•	30,011	418,822	85,288	39,450	•	616,526
	At 31 December 2020	42,955	.	30,011	418,822	95,789	39,450	.	627,027
	Additions	76,264	1,602,026	29,546	584,419	131,073	19,995	507,126	2,950,449
	Disposals			1		(8,816)			(8,816)
	At 31 December 2021	119,219	1,602,026	59,557	1,003,241	218,046	59,445	507,126	3,568,660
	Accumulated depreciation and impairment								
	At 1 January 2020	1	,	ı	1	7,501	ì	1	7,501
	Charge for the year	1,053		691	48,839	12,141	2,384		65,108
	At 31 December 2020	1,053		691	48,839	19,642	2,384	•	72,609
	Charge for the year	7,194	1	3,239	175,959	47,275	11,008	126,132	370,807
	Eliminated on disposal					(8,816)			(8,816)
	At 31 December 2021	8,247		3,930	224,798	58,101	13,392	126,132	434,600
	Carrying amount								
	At 31 December 2021	110,972	1,602,026	55,627	778,443	159,945	46,053	380,994	3,134,060
	At 31 December 2020	41,902	.	29,320	369,983	76,147	37,066		554,418

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2021

Property, plant and equ	pment includes right-of-us	e assets, as follows:

Right-of-use assets	2021	2020
	£	£
Net values at the year end		
Property	262,281	-
Motor vehicles	118,713	
	380,994	
Total additions in the year	507,126	
Depreciation charge for the year	400 400	
Property	126,132 ====================================	
Trade and other receivables		
	2021	2020
	£	£
VAT recoverable	384,212	64,441
Other receive bloc	7,200	43,204
Other receivables	E4E 200	203,904
Prepayments	545,290 	200,304

6 Trade receivables - credit risk

Fair value of trade receivables

The directors consider that the carrying amount of trade and other receivables is approximately equal to their fair value.

No significant receivable balances are impaired at the reporting end date.

7 Convertible loan notes

The proceeds received from the issue of the convertible loan notes have been split between the financial liability element and an equity component, representing the fair value of the embedded option to convert the financial liability into equity as follows:

	2021 £
Proceeds of issue of convertible loan note	3,000,000
Liability component at date of issue	3,000,000

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

7 Convertible loan notes (Continued)

The liability component is measured at amortised cost, and the difference between the carrying amount of the liability at the date of issue and the amount reported in the statement of financial position represents the effective interest rate less interest paid to that date.

The effective rate of interest is 0%.

Liability £
3,000,000
3,000,000
3,000,000

After the year end, the company successfully completed a fundraise and the loan note converted into equity.

8 Trade and other payables

		2021	2020
		£	£
	Trade payables	67,859	19,532
	Accruals	154,991	25,625
	Social security and other taxation	94,401	32,888
		317,251	78,045
9	Lease liabilities	2021	2020
	Maturity analysis	£	£
	Within one year	197,788	-
	In two to five years	78,068	
	Total undiscounted liabilities	275,856	-

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

9 Lease liabilities	(Continued)
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Lease liabilities are classified based on the amounts that are expected to be settled within the next 12 months and after more than 12 months from the reporting date, as follows:

	2021	2020
	£	£
Current liabilities	197,788	-
Non-current liabilities	78,068	-
	275,856	

It is the company's policy to lease certain assets. The average effective borrowing rate for the year was 10%. Interest rates are fixed at the contract date. All leases are on a fixed repayment basis and no arrangements have been entered into for contingent rental payments.

The lease liability recognised on transition to IFRS, was £179,529, compared to an operating lease commitment at the same date of £202,180.

10 Provisions for liabilities

Movements on provisions:

	2021	2020
	£	£
Provision for dilapidations on property leases	25,000	

All provisions are expected to be settled after more than 12 months from the reporting date.

	dilapidations on property leases £
Additional provisions in the year	25,000

Provision for

The provision represents management's best estimate of the company's liability for dilapidations on cessation of its lease agreements.

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

11	Share capital				
		2021	2020	2021	2020
	Ordinary share capital	Number	Number	£	£
	Issued and fully paid				
	Ordinary of 0.1p				
	each	25,097	25,097	25	25
	A Ordinary of				
	0.1p each	43,290	43,290	43	43
	G Ordinary of				
	0.1p each	3,805	-	4	-
		72,192	68,387	72	68
12	Share-based payments				
		Number of sh	are options	Average exe	ercise price
		2021	2020	2021	2020
		Number	Number	£	£
	Outstanding at 1 January 2021	2,376	2,376	132.73	132.73
	Granted in the period	14,721	-	5.80	_
	·				
	Outstanding at 31 December 2021	17,097	2,376	23.44	132.73
	Exercisable at 31 December 2021	_	_	_	_

Options granted during the year

The weighted average fair value of options granted in the year was determined using the Black-Scholes option pricing model. The Black-Scholes model is considered to apply the most appropriate valuation method due to the relatively short contractual lives of the options and the requirement to exercise within a short period after the employee becomes entitled to the shares (the "vesting date").

The expected life used in the model has been adjusted, based on management's best estimate, for the effect of non-transferability, exercise restrictions, and behavioural considerations. Non-vesting conditions and market conditions are taken into account when estimating the fair value of the option at grant date. Service conditions and non-market performance conditions are taken into account by adjusting the number of options expected to vest at each reporting date.

	2021
Weighted average fair value Inputs for model:	6.58
- Weighted average share price	6.58
- Weighted average exercise price	5.80
- Expected volatility	0.1%
- Expected life	3
- Risk free rate	2.8%
- Expected dividends yields	0%

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2021

12 Share-based payments

(Continued)

Options outstanding

At the year end, the company has in issue various share options which can be exercised at various points between 2023 and 2025. All shares have an exercise price of £5.80, except for a 3,805 G shares, which are exercisable of £0.025 per share.

Modification

During 2021, the company re-priced certain of its outstanding options. The strike price was reduced from £132.73 to the current market price of £6.58. The company used the inputs noted above to measure the fair value of the old and new options.

Expenses

	Related to equity settled share based payments	6,927	55,269
13	Share premium account	2021 £	2020 £
	At the beginning of the year Issue of new shares	6,258,626 91	1,082,051 5,176,575
	At the end of the year	6,258,717	6,258,626
14	Capital commitments	2021 £	2020 £
	At 31 December 2021 the company had capital commitments as follows:	Z.	Z.
	Contracted for but not provided in the financial statements: Acquisition of property, plant and equipment	1,752,634	

15 Capital risk management

The company is not subject to any externally imposed capital requirements.

16 Events after the reporting date

On 14 February 2022, the company successfully completed an equity fundraise, raising £35 million for the issue of new shares. The £35m included the conversion of the £3m loan note, thus generating a cash inflow of £32m.

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2021

17 Related party transactions

Remuneration of key management personnel

The remuneration of key management personnel, including directors, is set out below in aggregate for each of the categories specified in IAS 24 *Related Party Disclosures*.

	2021	2020
	£	£
Short-term employee benefits	140,183	84,352
Post-employment benefits	23,933	12,900
Share-based payments	4,205	36,103
	168,321	133,355

Other transactions with related parties

During the year the company entered into the following transactions with related parties:

	Sale of goods		Purchase of goods		
	2021	2020	2021	2020	
	£	£	£	£	
Entities with joint control or significant influence					
over the company	-	-	-	125,668	
The following amounts were outstanding at the report	rting end date:				
			2021	2020	
Amounts due to related parties			£	£	
Entities with joint control or significant influence over	the company		3,000,000	-	

The £3m loan note was repaid upon conversion after the year end. Further details are included within note 16.

18 Audit report information

As the income statement has been omitted from the filing copy of the financial statements, the following information in relation to the audit report on the statutory financial statements is provided in accordance with s444(5B) of the Companies Act 2006:

The auditor's report was unqualified.

The senior statutory auditor was Paul Spencer.

The auditor was MHA Moore and Smalley.

NOTES TO THE FINANCIAL STATEMENTS (CONTINUED) FOR THE YEAR ENDED 31 DECEMBER 2021

19 Transition adjustments

Reconciliation of equity

	At 1 January 2020		At 31 December 2020			
	Previously		As restated	Previously		As restated
	reported	transition		reported	transition	•
Notes	£	£	£	£	£	£
Non-current assets Other intangibles	85,560		85,560	297,748		297,748
Property, plant and	65,560	_	65,500	291,140	-	291,140
equipment	3,000		3,000	554,418		554,418
	88,560	-	88,560	852,166	-	852,166
Current assets						
Trade and other						
receivables	64,514	-	64,514	393,846	-	393,846
Bank and cash	38,858		38,858	3,689,915		3,689,915
	103,372	-	103,372	4,083,761	-	4,083,761
Creditors due within one year						
Other payables	(18,744)		(18,744)	(78,045)		(78,045)
Net current assets	84,628		84,628	4,005,716		4,005,716
Total assets less current						
liabilities	173,188		173,188	4,857,882		4,857,882
Net assets	173,188		173,188	4,857,882		4,857,882
Equity						
Share capital	18	-	18	68	-	68
Share premium	1,082,051	_	1,082,051	6,258,626	-	6,258,626
Profit and loss	(908,881)	-	(908,881)	(1,400,812)	-	(1,400,812)
Total equity	173,188		173,188	4,857,882	-	4,857,882

Notes to reconciliations

The company has adopted International Financial Reporting Standards (IFRS) with effect from 1 January 2021. There were no changes to the previously reported financial position at either 31 December 2020 or 31 December 2019 as a result of the transition.

This document was delivered using electronic communications and authenticated in accordance with the registrar's rules relating to electronic form, authentication and manner of delivery under section 1072 of the Companies Act 2006.