

Celtic Renewables Limited

Report & **Financial Statements** Year Ended **31 December 2019**

07/05/2020 **COMPANIES HOUSE**

	Page
Report of the directors	3-4
ndependent auditor's report	5-7
Profit and loss Account	8
Balance sheet	9
Notes to the financial statements	10-17



Celtic Renewables Limited Report of the Directors for the year ended 31 December 2019

The directors present their report and the audited financial statements of the Company for the year ended 31 December 2019

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

Principal activities & future developments

The principal activity of the Company is the research, development and commercialisation of its intellectual property and know-how for the ABE fermentation technology whereby residues and wastes from other industries are processed to sustainably produce high value solvents (Butanol, Acetone and Ethanol) and animal feed.

On 30 November 2018, the Company established a wholly owned subsidiary, Celtic Renewables Grangemouth plc, for the purpose of the construction and commercial operation of a demonstrator plant for the ABE fermentation technology under licence from the Company.

Directors

The directors, who served during the period and subsequently, were as follows:

Mr M Simmers

Professor M Tangney OBE

Mr J Stevenson (appointed 29 February 2020)

Mr J Boyd (appointed 1 April 2020)

Mr I Evans (appointed 24 March 2020)

Mr D Houston

Mr D Macleod (appointed 24 March 2020)

Mr C Nash (appointed 24 March 2020)

Dr D Ward CBE (resigned 24 March 2020)

Funding and Going Concern

As described in note 2.2, on 28 February 2020 the Company and its subsidiary completed a financing package which is expected to provide sufficient funding for both companies to pay creditors and meet all costs until the completion of construction and commissioning at Grangemouth, currently scheduled by the end of the first quarter of 2021. The directors are confident that the achievement of this key milestone in the Company's development will unlock the income streams the Company expects from the deployment of the technology at large scale in the future and will make the Company an attractive prospect for future equity or debt financing. The directors continue to monitor the impact of the coronavirus pandemic, including the potential for project delays, and remain satisfied that this schedule is achievable. The directors have therefore prepared the financial statements for the year ended 31 December 2019 on a going concern basis.

Statement of director's responsibilities

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

UK Company law requires the directors to prepare financial statements for each financial period. Under that law the directors have prepared the financial statements in accordance with United Kingdom Generally Accepted Accounting Practice (United Kingdom Accounting Standards, comprising FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland" and applicable law). Under company law the 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;
- make judgements and accounting estimates that are reasonable and prudent;
- state whether applicable United Kingdom Accounting Standards, comprising FRS102, have been followed, subject to any material departures disclosed and explained in the financial statements; and
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the Company will
 continue in business.



Celtic Renewables Limited Report of the Directors for the year ended 31 December 2019

Statement of director's responsibilities (continued)

The directors are 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 to enable them to ensure that the financial statements comply with the Companies Act 2006.

They are also responsible for safeguarding the assets of the Company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Disclosure of information to auditors

Mahul

In the case of each person who was a director at the date this report was approved:

- so far as the director was aware there was no relevant audit information of which the Company's auditors were unaware;
- they have taken all the steps that they ought to have taken as a director to make themselves aware of any relevant audit information and to establish that the Company's auditors are aware of that information.

Auditor

A resolution to re-appoint the auditor, Johnston Carmichael LLP, will be proposed at the forthcoming Annual General Meeting.

On behalf of the Board

Mark Simmers Director

30th April 2020

Independent auditor's report to the members of Celtic Renewables Limited

Opinion

We have audited the financial statements of Celtic Renewables Limited (the 'company') for the year ended 31 December 2019 which comprise the Profit and loss account, Balance sheet and notes to the financial statements, including a summary of significant accounting policies. The financial reporting framework that has been applied in their preparation is applicable law and United Kingdom Accounting Standards, including Financial Reporting Standard 102 The Financial Reporting Standard applicable in the UK and Republic of Ireland (United Kingdom Generally Accepted Accounting Practice).

In our opinion the financial statements:

- give a true and fair view of the state of the company's affairs as at 31 December 2019, and of its loss for the year then
 ended:
- have been properly prepared in accordance with United Kingdom Generally Accepted Accounting Practice; and
- have been prepared in accordance with the requirements of the Companies Act 2006.

Basis for opinion

We conducted our audit in accordance with International Standards on Auditing (UK) (ISAs (UK)) and applicable law. Our responsibilities under those standards are further described in the Auditor's responsibilities for the audit of the financial statements section of our report. We are independent of the company in accordance with the ethical requirements that are relevant to our audit of the financial statements in the UK, including the FRC's Ethical Standard, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Material uncertainty related to going concern

We draw attention to note 2.2 which indicates that the Company's ability to continue as a going concern is reliant upon the successful completion of construction and commissioning of a demonstrator plant for the ABE fermentation technology, being constructed by subsidiary Celtic Renewables Grangemouth plc. As stated in note 2.2, these events or conditions, along with other matters as set forth in note 2.2, indicate that a material uncertainty exists that may cast significant doubt on the Company's ability to continue as a going concern. Our opinion is not modified in respect of this matter.

Other information

The directors are responsible for the other information. The other information comprises the information included in the annual report, other than the financial statements and our auditor's report thereon. Our opinion on the financial statements does not cover the other information and, except to the extent otherwise explicitly stated in our report, we do not express any form of assurance conclusion thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated. If we identify such material inconsistencies or apparent material misstatements, we are required to determine whether there is a material misstatement in the financial statements or a material misstatement of the other information. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact.

We have nothing to report in this regard.

Opinions on other matters prescribed by the Companies Act 2006

In our opinion, based on the work undertaken in the course of the audit:

- the information given in the Directors' report for the financial period for which the financial statements are prepared is consistent with the financial statements; and
- the Directors' report has been prepared in accordance with applicable legal requirements.

Independent auditor's report to the members of Celtic Renewables Limited

Matters on which we are required to report by exception

In the light of our knowledge and understanding of the company and its environment obtained in the course of the audit, we have not identified material misstatements in the Directors' report.

We have nothing to report in respect of the following matters in relation to which the Companies Act 2006 requires us to report to you if, in our opinion:

- adequate accounting records have not been kept, or returns adequate for our audit have not been received from branches not visited by us; or
- the financial statements are not in agreement with the accounting records and returns; or
- · certain disclosures of directors' remuneration specified by law are not made; or
- we have not received all the information and explanations we require for our audit; or
- the directors were not entitled to prepare the financial statements in accordance with the small companies' regime and take advantage of the small companies' exemption in preparing the Directors' Report and from the requirement to prepare a Strategic report.

Responsibilities of directors

As explained more fully in the Statement of directors' responsibilities statement set out on pages 3-4 the directors are responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view, and for such internal control as the directors determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

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

Auditor's responsibilities for the audit of the financial statements

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

As part of an audit in accordance with ISAs (UK), we exercise professional judgment and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design
 and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to
 provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than
 for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the
 override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate
 in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the company's internal
 control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the directors.
- Conclude on the appropriateness of the directors' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the company to cease to continue as a going concern.

Independent auditor's report to the members of Celtic Renewables Limited

Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and
whether the financial statements represent the underlying transactions and events in a manner that achieves fair
presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit

Use of our report

This report is made solely to the company's members, as a body, in accordance with Chapter 3 of Part 16 of the Companies Act 2006. Our audit work has been undertaken so that we might state to the company's members those matters we are required to state to them in an auditor's report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the company and the company's members as a body, for our audit work, for this report, or for the opinions we have formed.

Barry Masson (Senior Statutory Auditor)
For and on behalf of Johnston Carmichael LLP

Chartered Accountants Statutory Auditor

Johnsten Carmichael LLP

6 May 2020

7-11 Melville Street Edinburgh



Celtic Renewables Limited Profit and loss account for the year ended 31 December 2019

	Year to 31 Dec 2019 £	16 months to 31 Dec 2018 £
Administrative expenses	(1,337,077)	(1,644,948)
Other operating income	648,754	648,390
Operating loss	(688,323)	(996,558)
Interest payable & similar expenses	(389,380)	(346,217)
Loss before taxation	(1,077,703)	(1,342,775)
Taxation	96,717	207,898
Loss for year/period	(980,986)	(1,134,877)

During both periods presented, the Company had no income or expenditure which is not reflected in the profit and loss accounts as presented above.

The profit and loss account has been prepared on the basis that all operations are continuing operations.



Celtic Renewables Limited Balance sheet as at 31 December 2019

	Notes		
	Motes	31 Dec	31 Dec
		2019	2018
		£	£
Fixed Assets			
Intangible assets	4	233,340	233,340
Tangible assets	5	28,668	39,957
Investment in subsidiary undertaking	6	12,500	12,500
Total fixed assets		274,508	285,797
Current assets		- * *	
Debtors	7	1,987,707	233,665
Cash at bank & in hand		155,283	2,838
Total current assets		2,142,990	236,503
Creditors – amounts falling due within one year			
Trade & other creditors	8	(302,675)	(849,265)
Short term loans	9	(88,008)	-
Total current liabilities		(390,683)	(849,265)
Net current assets/(liabilities)		1,752,307	(612,762)
Total assets less current liabilities		2,026,815	(326,965)
Creditors – amounts falling due after more than one year Convertible loans	9	(5,544,219)	(2,209,453)
Net liabilities		(3,517,404)	(2,536,418)
Capital & reserves			
Called-up share capital	10	128	128
Share premium account	11	1,236,182	1,236,182
Own shares	11	(10)	(10)
Profit & loss reserves	11	(4,753,704)	(3,772,718)
Shareholders deficit		(3,517,404)	(2,536,418)

Company registration number: SC394571

These financial statements have been prepared and delivered in accordance with the provisions applicable to the small companies regime with the exception of certain voluntary disclosures with respect to profit and loss account items.

The Annual Report and financial statements were approved by the board of directors and authorised for issue on 30th April 2020 and are signed on behalf of the board by:

Mark Simmers Director



1. General information

The principal activity of the Company is the research and development of fermentation technology to produce organic chemicals and other products by converting residues and wastes from other industries and to commercialise its intellectual property and know-how.

The Company is a private company limited by shares incorporated in Scotland. The Company's registered office is 5th Floor, 125 Princes Street, Edinburgh, EH2 4AD.

2. Significant accounting policies

The accounting policies applied in the preparation of these financial statements are set out below and have been consistently applied for all periods presented.

2.1 Basis of preparation

These financial statements have been prepared in accordance with FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland" ("FRS 102") and the requirements of the Companies Act 2006 as applicable to companies subject to the small companies regime. The disclosure requirements of Section 1A have been applied, other than where additional disclosure is required to show a true and fair view or is provided on a voluntary basis.

In August 2018 the accounting period end for the Company and was changed to 31 December to align the period ends of the Company and its wholly owned subsidiary undertaking Celtic Renewables Grangemouth plc.

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 \pounds .

The financial statements have been prepared under the historical cost convention, modified to include the recognition of certain financial liabilities measured at amortised cost.

2.2 Going concern

The Company incurred a loss of £980,986 for the year ended 31 December 2019 and at that date has net liabilities of £3,517,404.

On 28 February 2020 the Company and its subsidiary completed a refinancing package under which the Company has secured new equity investments totalling £4.6m and all existing convertible loans including accrued interest were converted to shares in the Company. Additionally, a new convertible loan facility of £1m has been made available to the Company. Subsidiary, Celtic Renewables Grangemouth plc, has secured senior debt funding and additional debenture funding totalling £11.7m together with grant funding of £1m.

The future of the Company is reliant upon the future successful completion and commissioning of the subsidiary's Grangemouth plant, and the Company's own resultant ability to generate or raise funds to meet ongoing costs, and as such there remains material uncertainty over the going concern status of the Company at the date of signing the financial statements. However, the directors have confidence in forecasts which reflect that the subsidiary will generate sufficient cash from operations to meet all its own costs and service its own debt for greater than 12 months from the date of signing these financial statements, and that the Company itself will be able to generate further funding should it require by the first quarter of 2021. Accordingly, the directors have adopted the going concern basis of accounting.

The recent emergence of the coronavirus pandemic has introduced uncertainty to the global economy. Associated risks to the Company continue to be carefully monitored, and where possible mitigated. The directors continue to assess the impact of the coronavirus pandemic on potential for project delays, and remain satisfied that the planned project schedule is achievable. At the date of signing these financial statements, the directors are satisfied the pandemic does not significantly alter the above going concern assessment.



2. Significant Accounting policies (continued)

2.3 Foreign currency

Foreign currency transactions are translated into the functional currency using exchange rates prevailing at the dates of the transactions. At each period end foreign currency monetary items are translated using the closing rate. Foreign exchange gains and losses resulting from the settlement of transactions and from the translation at period-end of monetary assets and liabilities denominated in foreign currencies are recognised in the profit and loss account.

2.4 Taxation

The tax expense represents current and deferred tax recognised in the reporting period.

Current tax

Current tax is the amount of income tax payable in respect of the taxable profit for the year or prior years. Taxable profit differs from net profit as reported in the profit and loss account 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. Tax is calculated on the basis of tax rates and laws that have been enacted or substantively enacted by the period end.

R&D tax credits

R&D tax credits are recognised at fair value of the asset received or receivable when there is reasonable assurance that claims will be successful. R&D tax credits are recognised as part of the taxation charge or credit in the year the recognition criteria is met. R&D tax credits relating to earlier periods are included in the current tax charge or credit as adjustments in respect of prior periods.

Deferred tax

Deferred tax is recognised on all timing differences at the reporting date except for certain exceptions. Unrelieved tax losses and other deferred tax assets are only recognised when it is probable that they will be recovered against the reversal of deferred tax liabilities or other future taxable profits. Deferred tax is measured using tax rates and laws that have been enacted or substantively enacted by the period end and that are expected to apply to the reversal of the timing difference.

2.5 Employee benefits

Short-term benefits

The costs of short-term employee benefits are recognised as a liability and an expense, unless those costs are required to be recognised as part of the cost of fixed assets.

Retirement benefit costs

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

2.6 Borrowing costs

Borrowing costs are recognised in profit or loss in the period in which they are incurred.



2. Significant Accounting policies (continued)

2.7 Intangible fixed assets other than goodwill

The Company's intangible fixed assets comprise patents which are valued at cost less accumulated amortisation. Amortisation is calculated to write off the cost in equal annual instalments over their estimated useful lives. Amortisation commences once commercial application and development has been realised.

2.8 Tangible fixed assets

Tangible fixed assets 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 of assets less their residual values over their useful lives on the following bases:

Plant and machinery

25%-100% reducing balance

Computer equipment

3 years straight line

2.9 Impairment of fixed 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).

2.10 Cash and cash equivalents

Cash and cash equivalents are basic financial assets and include cash in hand and bank overdrafts. Bank overdrafts are shown within borrowings in current liabilities.

2.11 Financial instruments

The Company has elected to apply the provisions of Section 11 'Basic Financial Instruments' and Section 12 'Other Financial Instruments Issues' of FRS 102 to all financial instruments.

Financial instruments are recognised in the balance sheet when the Company becomes party to the contractual provisions of the instrument. Financial assets and liabilities are offset, with the net amounts presented in the financial statements, when there is a legally enforceable right to set off the recognised amounts and there is an intention to settle on a net basis or to realise the asset and settle the liability simultaneously.

Basic financial assets

Basic financial assets, which include debtors and cash and bank balances, are initially measured at transaction price including transaction costs and are subsequently carried at amortised cost using the effective interest method unless the arrangement constitutes a financing transaction, where the transaction is measured at the present value of the future receipts discounted at a market rate of interest. Financial assets classified as receivable within one year are not amortised

Classification of financial liabilities

Financial liabilities and equity instruments are classified according to the substance of the contractual arrangements entered into. An equity instrument is any contract that evidences a residual interest in the assets of the Company after deducting all of its liabilities.

Basic financial liabilities

Basic financial liabilities, including creditors, bank loans, loans from fellow group companies and preference shares that are classified as debt, are initially recognised at transaction price unless the arrangement constitutes a financing transaction, where the debt instrument is measured at the present value of the future payments discounted at a market rate of interest. Financial liabilities classified as payable within one year are not amortised. Debt instruments are subsequently carried at amortised cost, using the effective interest rate method.

Trade creditors are obligations to pay for goods or services that have been acquired in the ordinary course of business from suppliers. Amounts payable are classified as current liabilities if payment is due within one year or less. If not, they are presented as non-current liabilities. Trade creditors are recognised initially at transaction price and subsequently measured at amortised cost using the effective interest method.



2. Significant Accounting policies (continued)

2.12 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.

2.13 Equity instruments

Equity instruments issued by the Company are recorded at the proceeds received, net of direct issue costs.

2.14 Government grants

Government 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.

Government grants are recognised only when there is reasonable assurance that the Company will comply with the conditions attaching to the grant and that the grants will be received. Capital grants are recognised to match the related development expenditure and are deducted in arriving at the carrying value of the related assets.

2.15 Employee Benefit Trust

The company operates an employee benefit trust (EBT) for the purpose of enabling qualifying staff of the company to acquire shares in the company. The company's own shares held by the EBT are accounted for as if they were held by the company, as a debit reserve representing the cost paid by the EBT for the shares. Gains and losses on own shares transactions are accounted for as transfers between own shares reserve and retained earnings.



3. Employee information

	Year to 31 Dec 2019 Number	16 months to 31 Dec 2018 Number
Average number of executive directors and staff	. 12	9_

Share based payments

The Company has adopted share option award schemes, including an Enterprise Management Incentive (EMI) scheme. The share option schemes are granted over the £0.01 ordinary shares of the Company and can be exercised only at the disposal or sale of the Company and within 10 years of grant of the option.

As at 31 December 2019 share options over 2,810 £0.01 ordinary shares (31 December 2018: 2,810 shares) had been granted and have a weighted average exercise price of £25.44. No charge has been recognised through the profit and loss account in this respect in 2019 (2018: £nil).

4. Intangible assets

	£
Cost At 1 January 2019 and 31 December 2019	233,340
Amortisation and impairment At 1 January 2019 and 31 December 2019	-
Carrying amount At 31 December 2018 and 31 December 2019	233,340

Intangible assets represent the cost of patents held by the Company over the fermentation technology to produce organic chemicals and other products by converting residues and wastes from other industries.



5. Tangible assets

	Plant, machinery, computer equipment £
Cost At 1 January 2019	91,946
Additions	2,597
At 31 December 2019	94,543
Depreciation & impairment At 1 January 2019	51,989
Depreciation charge for the year	13,886
At 31 December 2019	65,875
Net book value At 31 December 2019	28,668
At 31 December 2018	39,957

6. Investment in subsidiary undertaking

The investment represents 100% of the ordinary share capital of Celtic Renewables Grangemouth plc, a company limited by shares incorporated in Scotland. The Company's registered office is 5th Floor, 125 Princes Street, Edinburgh, EH2 4AD.

The principal activity of Celtic Renewables Grangemouth plc is the construction and commercial operation of a demonstrator plant for the ABE fermentation technology to sustainably produce high value solvents and animal feeds using the intellectual property and know-how licenced to it by the Company.

The Company has pledged the shareholding in the subsidiary as security for the borrowings of the subsidiary.

7. Debtors

	31 Dec 2019 £	31 Dec 2018 £
Amount due from subsidiary undertaking Other debtors Corporation tax repayable in respect of research and development costs	1,733,257 25,386 229,064	10,369 223,296
	1,987,707	233,665



8. Trade & other creditors

	31 Dec 2019 £	31 Dec 2018 £
Amount due to subsidiary undertaking		611,561
Trade creditors	139,999	64,237
Other taxation & social security	29,456	70,165
Other creditors	2,113	2,362
Accruals & deferred income	131,107	100,940
	302,675	849,265

The amount due to the subsidiary undertaking was unsecured, interest free and has no fixed terms for repayment.

9. Loans & other borrowings

Loans & other borrowings	31 Dec 2019 £	31 Dec 2018 £
Short term loans Convertible Loans	88,008 5,544,219	2,209,453
	5,632,227	2,209,453
Convertible loans		
	£	£
Balance at 1 January 2019 / 1 September 2017 Loans drawn down during year / period Interest during year / period rolled-up	2,209,453 2,950,000 384,766	1,416,244 450,000 343,209
Balance at 31 December	5,544,219	2,209,453

The short term loans bear interest at commercial rates and are repayable in full within one year.

The convertible loans bear interest at rates between 8% and 20% and all interest is rolled up. The loans are secured by floating charges over the assets of the company.

As part of the refinancing package completed on 28 February 2020 all the above convertible loans plus all interest accrued and rolled up were converted into ordinary share capital of the Company.



10. Called-up share capital

Ordinary shares of 1p each – issued and fully paid	Number	£
At 1 January 2019 and 31 December 2019	12,740	128

11. Other reserves

Share premium account

This account records the premium where the consideration received for the issue of share capital exceeds the nominal value of shares issued less the costs relating to the issue,

Profit & loss reserves

This reserve records retained earnings and accumulated losses.

Own shares reserves

The balance represents 1,000 £0.01 ordinary shares in the Company held by the Celtic Renewables Employee Benefit Trust (EBT) which was established in 2011 to provide a mechanism to hold shares in the company to be used in the future to settle the exercise of share options and other share transactions with employees.

The Company's ordinary shares held by the EBT are accounted for as if they were the Company's own shares and are treated as treasury shares.

12. Financial commitments, guarantees and contingent liabilities

The Company has provided an unlimited guarantee in respect of the borrowings of its subsidiary undertaking Celtic Renewables Grangemouth plc.

13. Related party transactions

During the year D Houston, a director, made loans of £25,000 to the Company. As at 31 December 2019 the aggregate of short term and convertible loans due to D Houston or companies controlled by him was £620,000 (2018: £595,000) plus accrued interest rolled up of £242,329 (2018: £162,329).

During the year, the Company recharged staff costs totalling £647,754 (16m to 31 December 2018: £477,867) to its subsidiary undertaking Celtic Renewables Grangemouth plc being the costs of the employees of the Company who are directly engaged in the construction and commissioning of the demonstrator plant at Grangemouth.

14. Events after the end of the reporting period

On 28 February 2020 the Company and its subsidiary completed a refinancing package under which the Company has secured new equity investments totalling £4.6m and all existing convertible loans including accrued interest were converted to shares in the Company. Additionally, a new convertible loan facility of £1m has been made available to the Company. Celtic Renewables Grangemouth plc has secured senior debt funding and additional debenture funding totalling £11.7m together with grant funding of £1m.