

THE ECOLOGICAL SEQUESTRATION TRUST

England & Wales · Charity number 1143397

Details

Status	Registered
Legal form	Charitable company
Company number	07611969
Registered	2011-08-16
Register	View on the Charity Commission register

Contact

Address	Hoxton Mix 66 Paul Street London EC2A 4NA
Phone	07983451550
Email	info@ecosequestrust.org
Website	www.ecosequestrust.org

Activities

Objects: OBJECT 1: THE CONSERVATION OF THE NATURAL ENVIRONMENT FOR THE PUBLIC BENEFIT BY PROMOTING THE REDUCTION OF GREENHOUSE GASES, PARTICULARLY (WITHOUT LIMITATION) BY DEVELOPING AND ADVANCING CARBON SEQUESTRATION METHODS TO REDUCE CARBON DIOXIDE LEVELS IN THE ATMOSPHERE.OBJECT 2: TO PROMOTE AND CARRY OUT FOR THE PUBLIC BENEFIT RESEARCH INTO CLIMATE CHANGE AND METHODS TO REDUCE CLIMATE CHANGE, AND TO PUBLISH AND WIDELY DISSEMINATE THE RESULTS OF SUCH RESEARCH.

Activities: Speed up and scale up transformative urban development towards a resilient, low carbon, resource efficient way of living. Bring together:1 - World-leading modellers & sector experts to design and create tools; and2 - Public, private, community & knowledge sectors to enable them to make collaborative decisions on policies that lead to improved resilience & attract private sector investments.

Classification

- **How:** Provides Advocacy/advice/information, Sponsors Or Undertakes Research
- **What:** Environment/conservation/heritage
- **Who:** The General Public/mankind

Geography

- Scotland
- Dorset

Finances

Period end	Income	Expenditure	Assets	Employees
2025-03-31	£120,200	£2,137	-	-
2024-03-31	£126,475	£2,504	-	-
2023-03-31	£101,499	£89,863	-	-
2022-03-31	£266,739	£319,488	-	-
2021-03-31	£213,740	£116,072	-	-

Trustees

Name	Role	Appointed
Barbara Ryan		2018-11-10
PROFESSOR NILAY SHAH		2011-07-22
Professor Peter Head		2021-09-01
Robin Stott		2018-11-10

THE ECOLOGICAL SEQUESTRATION TRUST

England & Wales - Charity number 1143397

Accounts



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Report and Accounts

Year ended 31 March 2025

www.ecosequestrust.org

Company number: 07611969

Registered Charity: 1143397

the ecological sequestration trust

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the ecological sequestration trust
Company information
for the year ended 31 March 2025

Trustees

Professor Peter Head CBE FREng FRSA
Professor Nilay Shah OBE FREng
Barbara Ryan
Robin Stott

The Ecological Sequestration Trust is a charitable company limited by guarantee registered in England and Wales

Company number: 07611969

Registered Charity number: 1143397

Registered Office 86-90 Paul Street
London
EC2A 4NE

the ecological sequestration trust
Independent examiner's report
for the year ended 31 March 2025

Independent examiner's report to the trustees of The Ecological Sequestration Trust

I report to the trustees on my examination of the financial statements of the company for the year ended 31 March 2025 which are set out on pages 12 to 21.

This report is made solely to the trustees as a body, in accordance with the Charities Act 2011. My examination has been undertaken so that I might state to the trustees those matters I am required to state to them in an independent examiner's report and for no other purpose. To the fullest extent permitted by law, I do not accept or assume responsibility to anyone other than the Trust and the trustees as a body, for my examination, for this report, or for the opinions I have formed.

Responsibilities and basis of report

As the trustees of the charitable company (and also its directors for the purposes of company law) you are responsible for the preparation of the financial statements in accordance with the requirements of the Charities Act 2011 ('the 2011 Act').

I report in respect of my examination of your charity's financial statements as carried out under section 145 of the 2011 Act and in carrying out my examination I have followed all the applicable directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

Independent examiner's statement

If the charity's gross income exceeds £250,000 your examiner must be a member of a body listed in section 145 of the 2011 Act. I confirm that I am qualified to undertake the examination because I am a member of the Institute of Chartered Accountants in England and Wales, which is one of the listed bodies.

I have completed my examination. I confirm that no matters have come to my attention in connection with my examination giving me cause to believe that in any material respect:

- ◆ accounting records were not kept in respect of the charitable company as required by section 130 of the 2011 Act; or
- ◆ the financial statements do not accord with those records; or
- ◆ the financial statements do not comply with the applicable requirements concerning the form and content of financial statements set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the financial statements give a 'true and fair view' which is not a matter considered as part of an independent examination.

the ecological sequestration trust
Independent examiner's report
for the year ended 31 March 2025

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.

In reaching my conclusion on the financial statements, I have considered the adequacy of the disclosures in note 1.2 to the financial statements concerning the charitable company's ability to continue as a going concern. The Trustees have confirmed that continual support will be available from Professor and Mrs Head and expect that current and future sources of funding will be adequate for the company's needs.



Andy Miller
Independent Examiner
Date: 15 September 2025

the ecological sequestration trust
Trustees report (incorporating a Directors report)
for the year ended 31 March 2025

Objectives and achievements 2024-2025

Our objectives

To attract the talent and expertise to establish and run the Trust, alongside a wider multidisciplinary advisory network.

To identify and attract sponsorship to fund the work of the Trust and implement our strategic aims.

To develop an open-source agent-based integrated urban-rural design model (resilience.io) to represent actual and proposed economics and resource flows and transformations for regional decision-making support to achieve the Global Goals.

Our achievements

We have continued to attract high profile expertise to act as Trustees and Advisory Board members. The Pivot Projects global research group has slimmed down but still meets in small groups. We are now convening a large group of experts who are working on the rural resilience programme in Kisumu County Kenya using integrated systems thinking.

Securing sponsorship continues to be challenging. We have, however, built the Resilience Brokers delivery arm into a viable business providing services aligned to our strategic aims and basic stability to the small team which is enabling the group to build new partnerships and opportunities, such as that with Dutch company Trust 2 Impact, working in Kenya. This is achieving significant momentum.

Our opportunities to build on the prototype urban-rural design model have been limited for this year. We have continued to develop expertise and applications of systems thinking in city-region settings, using data driven models, which is allowing us to build knowledge and expertise to support future developments in this area. We are supporting Trust 2 Impact in this and continue to bid for funding with some success, which is already enabling this work to progress in Kenya. There are positive enquiries for this platform in China and Africa.

Objectives 2025 – 2026

Our objectives for 2025-2026 are:

- to identify and attract grants and sponsorship to fund the work of the Trust through the development of our association with Trust 2 Impact;
- to continue to grow the Resilience Brokers entity to a sustainable profitable business through scaling up work with Trust 2 Trust in other regions around Lake Victoria using our resilience platform.

Strategic aims 2025 - 2030

The Trust is working to a five-year programme, with the following strategic objectives:

- **To establish city-region demonstrators of regenerative integrated planning around the world.** For each of these, to develop a portfolio of collaboration, technology

the ecological sequestration trust

Trustees report (incorporating a Directors report)

for the year ended 31 March 2025

integration and infrastructure projects involving global and local partners.

- **To further develop, test and deploy tools for collaboration and systems thinking to support integrated planning in city regions** in order to develop practical deliverable scenarios for low carbon, healthy, just and resilient urban development.
- **To build on our global network, bringing talent and expertise together** so as to rapidly deploy together with resources to support climate compatible impact.

Structure, governance and management

Governing document and constitution

The Ecological Sequestration Trust is a charitable company limited by guarantee No. 07611969, incorporated under and governed by its Memorandum and Articles of Association. The Ecological Sequestration Trust was registered with the Charity Commission as a charity in England and Wales on 21 April 2011, No. 1143397. The administrative details of the charitable company are detailed on page 3 for the year ended 31 March 2025.

Objects

The objects of the Charity, as set out in the Articles of Association, are:

the conservation of the natural environment for the public benefit by promoting the reduction of greenhouse gases, particularly (without limitation) by developing and advancing carbon sequestration methods to reduce carbon dioxide levels in the atmosphere; and

to promote and carry out for the public benefit research into climate change and methods to reduce climate change, and to publish and widely disseminate the results of such research.

Public benefit

The Trustees have referred to the guidance in the Charity Commission's general guidance on Public Benefit when reviewing our aims and objectives and in planning our future activities. In particular, the planned activities will have a direct and positive benefit for individuals, communities and economies through the improved utilisation of scarce resources and resulting reduction in damage to the natural environment. An example of this is agro-forestry and reforestation in Kenya, lifting the rural economy, improving biodiversity and reducing flood risk.

Recruitment and appointment of Trustees

The Trustees are listed on pages 8 and 9 and constitute the Board that manages the company. Trustees are recruited according to a range of skills and experience required to ensure the organisation's objectives are achieved. The minimum number of Board members is two. One third of trustees must retire at each annual general meeting, but are all eligible for re-election. Normally, Trustees may serve a maximum of three years at which point they must take a break from office. This rule may be disapplied by a unanimous resolution of the Trustees.

Induction and training of Trustees

Newly appointed Trustees are provided with an information pack detailing the Charity's work, its partnerships and its current policies. A programme of meetings is set up for new Trustees with the Chair and key members of staff.

Organisational structure and decision making

The Board is responsible for the policy and strategy of The Ecological Sequestration Trust and its subsidiary Resilience Brokers Limited, ensuring the long-term sustainability of the organisation along with its financial and legal probity. It is also responsible for the appointment of Trustees. The Executive Management Team is responsible for implementing policies and strategies that have been approved by the Board, and for progressing organisational objectives.

The Board aims to meet quarterly and receives financial and operational reports from the Executive Management Team.

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Trustees report (incorporating a Directors report)
for the year ended 31 March 2025

Risk management

The Board and Executive Management Team continually examine the principal areas of the Charity's operations and it regularly considers the major risks that may arise in each of these areas. The Executive Management Team continues to monitor carefully the financial outcome of initiatives undertaken during the year. It has done this in the knowledge that reserve funds need to increase in line with the Charity's reserves policy. This is an area that will continue to be monitored carefully in light of future plans.

The Trustees (who are also the Directors for Company law) are:

Prof. Peter Head Professor Peter Head is a civil and structural engineer and a recognised world leader in major bridges, advanced composite technology and integrated systems planning for sustainable development in cities and regions, working for Maunsell, AECOM and Arup.
In 2008 he was named by the Guardian Newspaper as one of 50 people that could 'save the planet' and was cited by Time magazine as one of 30 global eco-heroes.
In April 2011 he set up The Ecological Sequestration Trust, a Charity which has brought together the world's top scientists, engineers, economists, financiers, health, ecology and other specialists to create the www.resilience.io tool to help accelerate tackling climate change and inclusive regenerative development. It was prototyped and used by the Accra Metro Area to create an integrated systems investment plan to meet the United Nations Sustainable Development Goal SDG6 - water and sanitation by 2030.
As well as working extensively with the UNDRR, Peter is visiting professor in sustainable systems engineering at University of Bristol. He also lectures on Performance Based Procurement at Oxford Brookes University.
In 1998 he was awarded the OBE for his work on the Second Severn Crossing project and then in 2011 the CBE for services to Civil Engineering and the Environment.

Prof. Nilay Shah Professor Nilay Shah is Head of Department of Chemical Engineering and Director of the Centre for Process Systems Engineering at Imperial College London. He has co-authored over 200 technical papers on energy systems modelling and engineering, bio-energy systems, hydrogen infrastructures, supply chain modelling, process optimisation, biochemical process design, and plant safety. He has developed an optimisation-based design methodology for a variety of energy systems with strong spatial and temporal aspects.
Nilay has received a number of awards including the IChemE Junior Moulton Medal (1996), an RAEng/ICI Engineering Fellowship (1997-2001), the Royal Society of Chemistry Beilby Medal and Prize (2005), the Imperial College Rector's Award for Research Excellence (2006), RAEng MacRobert Award (2007) and Imperial College Engineering Teaching Excellence Award (2009). He was awarded the OBE for services to decarbonising the economy in 2022.

Barbara Ryan Barbara J. Ryan, was the Secretariat Director of the Intergovernmental Group on Earth Observations (GEO) in Geneva,

the ecological sequestration trust
Trustees report (incorporating a Directors report)
for the year ended 31 March 2025

Switzerland to 2018. GEO is comprised of nearly 100 Member States, the European Commission, and 90 international scientific and technical partner organizations.

Under Barbara's leadership, millions of satellite images and other earth observation data have been made available to the general public at no charge, allowing scientists, planners and policy makers to make better-informed decisions on problems that transcend political boundaries. Her work addresses critical issues in agriculture, biodiversity, climate change, disaster planning, energy, health and water.

Since becoming Director of GEO in 2012, Barbara has worked to integrate earth observation systems from around the world into a single, comprehensive system that uses co-ordinated data to understand how environmental factors impact human life.

Robin Stott

Robin Stott is a retired consultant physician with a lifetime interest in developing more socially and economically equal societies, which when created within environmental limits, are optimal precursors for good health.

In addition to enjoying his roles as father and grandfather, Robin relishes exercise, which he sees as a magic bullet in the prevention of non-communicable disease. He runs, cycles and practises tai chi regularly, and is a keen amateur astronomer.

the ecological sequestration trust

Trustees report (incorporating a Directors report)

for the year ended 31 March 2025

Financial review

Total income

Total income for the period amounted to £120,200 (2024: £126,475). This decrease in revenue is attributed to a decreased donation received from our trading arm Resilience Brokers.

Total expenditure

Total expenditure for the year amounted to £2,137 (2024: £2,504).

Of the total expenditure of £2,137, 48% (£1,201) was spent on charitable activities and promoting the Charity. In 2024, of the total expenditure of £2,504, 70% (£1,754) was spent on charitable activities and promoting the Charity. The remaining 52% (2024: 30%) was spent on governance. The Charity generated a net surplus for the year of £118,063 (2024: net surplus £123,971) which has resulted in a closing unrestricted funds balance of negative £442,100 (2024: negative £560,163).

Reserves policy and going concern

The Ecological Sequestration Trust aims to achieve a level of unrestricted reserves that will allow it sufficient stability to plan ahead for future ventures, whilst knowing that it can continue its operations and meet its commitments in the event of an unexpected shortfall in income.

We continue with our long-term partnership with a Dutch company, Trust 2 Impact, which shares the ambitions of the Trust and is putting substantial in-kind effort into multiple bids for funding for projects in Kenya, of which several have been successful. These projects, and the funding raised, will fund agreed work by Resilience Brokers on new data driven modelling and provision of collaboration platforms. Agreements are in place for this work. Resilience Brokers are now being approached for similar support on UK based programmes.

It is the Trustees' intention to ensure that new projects are undertaken only where there is sufficient specific additional funding available to cover related costs. Future income is anticipated from the ongoing support of Professor and Mrs Head as well as donations from our trading arm Resilience Brokers.

The Trust currently has negative reserves which have been funded by a loan from Professor and Mrs Head, details of which are given in note 13 to the accounts. The loan capital is repayable by agreement either in full or part subject to the Trust having sufficient funding to do so. Without the support of this loan it is doubtful that the Trust could continue operating. The trustees have confirmation from Professor and Mrs Head that they will continue to support the Trust and will not require the repayment of the loan until funding allows.

Trustees' responsibilities

The Trustees, who are also the directors of the company for the purposes of company law, are responsible for preparing the Annual Report and the Financial Statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice). Company law requires the Board of Directors/Trustees to prepare financial statements for each financial period that give a true and fair view of the state of affairs of the Charitable Company as at the balance sheet date, and of its incoming resources and application of resources, including income and expenditure, for the financial period. In preparing these financial statements, the Board of Directors/Trustees are required to:

- select suitable accounting procedures and apply them consistently,
- observe the methods that are reasonable and prudent,
- state whether applicable UK accounting standards and statements of recommended practice have been followed subject to any material departures disclosed and fully explained in the financial statements, and
- prepare the financial statements on the 'going concern' basis unless it is inappropriate to presume that the charity will continue in operation.

the ecological sequestration trust
Trustees report (incorporating a Directors report)
for the year ended 31 March 2025

The Board of Directors/Trustees are responsible for maintaining proper accounting records that disclose with reasonable accuracy at any time the financial position of the Charitable Company, and enable them to ensure the financial statements comply with the Companies Act 2006. The Board of Directors/Trustees are also responsible for safeguarding the assets of the Charitable Company and hence for taking reasonable steps to prevent fraud and other irregularities.

In accordance with company law, the Charitable Company's Trustees and Directors who held office at the date of the approval of this Trustees' Report certify that as Directors of the Charitable Company they have taken all the steps that they ought to have taken in order to make themselves aware of any relevant information.

This report is prepared in accordance with the accounting policies set out on pages 15,16 and 17 of the attached financial statements and comply with the charitable company's memorandum and articles of association, applicable laws and the requirements of the Statement of Recommended Practice applicable to charities preparing their financial statements in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102).

This report was approved by the Board of Trustees and signed on their behalf by:



Professor Peter Head
Company Director/Chair of Trustees

Date: 15 September 2025

the ecological sequestration trust
**Statement of financial activities (incorporating an income and
expenditure account)**
for the year ended 31 March 2025

		Restricted funds	Unrestricted funds	2025 Total funds	2024 Total funds
		£	£	£	£
Incoming resources					
Donations		-	120,200	120,200	126,475
Charitable activities		-	-	-	-
Other activities		-	-	-	-
Total incoming resources		-	120,200	120,200	126,475
Expenditure on					
Charitable activities	3	-	(1,201)	(1,201)	(1,754)
Governance costs	4	-	(936)	(936)	(750)
		-	(2,137)	(2,137)	(2,504)
Net movement in funds, being net income/ (expenditure) for the year		-	118,063	118,063	123,971
Total funds brought forward		-	(560,163)	(560,163)	(684,134)
Fund balance at 31 March		-	(442,100)	(442,100)	(560,163)

There were no recognised gains or losses other than those stated above.

The notes on pages 15 to 22 form an integral part of these accounts.

All activities relate to continuing operations.

the ecological sequestration trust

Balance Sheet

as at 31 March 2025

Company No. 07611969

	Notes	2025 £	2024 £
Current assets			
Investments	7	1	1
Debtors	8	9,250	-
Cash in bank and in hand		266	501
		9,517	502
Creditors: amounts falling due within 1 year			
Trade and other payables	9	(310,137)	(337,185)
Provisions	10	(132,000)	(132,000)
		(442,137)	(469,185)
Net current liabilities		(432,620)	(468,683)
Total assets less current liabilities		(432,620)	(468,683)
Creditors: amounts falling due in more than 1 year			
Loans payable	11	(9,480)	(91,480)
Total net liabilities		(442,100)	(560,163)
Funds			
Restricted funds	14	-	-
Unrestricted funds	14	(442,100)	(560,163)
Total funds		(442,100)	(560,163)

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

For the year ending 31 March 2025 the company was entitled to exemption from audit under section 477 of the Companies Act ("the Act") relating to small companies.

Directors' responsibilities:

- The members have not required the company to obtain an audit of its accounts for the year in question in accordance with section 476 of the Act;
- The directors acknowledge their responsibilities for complying with the requirements of the Act with respect to accounting records and the preparation of accounts.

The financial statements were approved and authorised by the Board.

Signed on behalf of the Board of Trustees:



Professor Peter Head
Company Director/ Chair of Trustees
Date: 15 September 2025

the ecological sequestration trust
Statement of cash flows
for the year ended 31 March 2022

The notes on pages 15 to 21 form an integral part of these accounts

		2025	2024
	Notes	£	£
Cash flow from operating activities	12	(235)	(110)
Net (decrease)/Increase in cash and cash equivalents		(235)	(110)
Cash and cash equivalents at the start of period		501	611
Cash and cash equivalents at the end of period		266	501

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2025

1. Accounting policies

The principal accounting policies adopted in the preparation of these financial statements are set out below.

1.1 Basis of preparation

The financial statements have been prepared under the historical cost convention and in accordance with UK Generally Accepted Accounting Practice, the Companies Act 2006 and "The Financial Reporting Standard applicable in the UK and Republic of Ireland" ("FRS 102") and "Accounting and Reporting by Charities: Statement of Recommended Practice" applicable to charities applying FRS102 ("SORP").

The Ecological Sequestration Trust meets the definition of a public benefit entity under FRS102. Assets and liabilities are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy note(s).

1.2 Preparation of accounts on a going concern basis

The trustees have confirmation from Professor and Mrs Head that they will continue to support the Trust and will not require the repayment of the loan until funding allows. The trustees are of the view that this ongoing support by Professor and Mrs Head as well as prospective funding sources have secured the immediate future of the Trust for the next 12 to 18 months and that on this basis the assessment of the trustees is that the charity is a going concern.

1.3 Income recognition

Income from charitable activities: Income is recognised over the period that the service is provided.

Voluntary income: Patron and donor income is recognised when the income is received.

Grants received for specific purposes are allocated against the expenditure to which they relate within restricted funds.

Investment income: Investment income is recognised when the income is receivable.

1.4 Foreign currencies

Transactions in foreign currencies are initially recorded at the rates of exchange prevailing on the dates of the transactions. Monetary assets and liabilities denominated in such currencies are retranslated at the rates prevailing on the balance sheet date. Profits and losses arising on exchange are included in the net profit or loss for the year.

1.5 Taxation

The company is considered to pass the tests set out in Paragraph 1 Schedule 6 of the Finance Act 2010 and therefore it meets the definition of a charitable company for UK corporation tax purposes. Accordingly, the company is not liable to income tax or corporation tax derived from its charitable activities.

1.6 Grants payable

Grants payable represent amounts awarded by the charity during the year for charitable purposes. Grants payable are shown under creditors in the balance sheet and represent the full liability to pay grants to recipients over the full duration of their research projects. The grants are recognised as being payable once the recipient has met the conditions for receipt and the grant has been minuted at the trustees' meeting.

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2025

1.7 Fixed assets and depreciation

Assets are included at cost and are capitalised where the cost exceeds £500. Depreciation is provided on all tangible fixed assets in use at rates calculated to write off the cost or valuation, less estimated residual value, of each asset over its expected useful life, as follows:

Computer equipment - straight line over 3 years

1.8 Expenditure

All expenditure is accounted for on an accruals basis and has been classified under headings that aggregate all costs related to the category. Charitable expenditure includes all expenditure directly relating to the objects of the Charitable Company, primarily sub-grant expenditure, and is allocated on an actual cost basis. Governance costs are those costs incurred for the compliance with constitutional and statutory requirements, and are allocated on an actual cost basis.

Support costs are those functions that assist the work of the charity but do not directly undertake charitable activities. Support costs include back office costs, finance and governance costs which support the Trusts activities. The bases on which support costs have been allocated are set out in note 5.

1.9 Investments

Investments held as fixed assets are shown at cost less provision for impairment

1.10 Debtors

Trade and other debtors are recognised at the settlement amount due after any trade discount offered. Prepayments are valued at the amount prepaid, net of any trade discounts due. Accrued income and tax recoverable is included at the best estimate of the amounts receivable at the balance sheet date.

1.11 Cash at bank and in hand

Cash at bank and in hand includes cash and short term highly liquid investments with a short maturity of three months or less from the date of acquisition or opening of the deposit or similar account.

1.12 Creditors

Creditors are recognised where the charity has a present obligation resulting from a past event that will probably result in the transfer of funds to a third party and the amount due to settle the obligation can be measured or estimated reliably. Creditors and provisions are normally recognised at their settlement amount after allowing for any trade discounts due.

Provisions are measured at the best estimate of the amounts required to settle the obligation.

1.13 Financial instruments

Financial assets and liabilities are recognised when the charity becomes a party to the contractual provisions of the instrument. All financial assets and liabilities are initially measured at transaction price (including transaction costs).

The charity only has financial assets and financial liabilities of a kind that qualify as basic financial instruments. Basic financial instruments are initially recognised at transaction value and subsequently measured at their settlement value.

1.14 Unrestricted Funds

Unrestricted funds are funds available for use in accordance with the charitable objectives.

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2025

1.15 Critical accounting estimates and areas of judgement

In the application of the charity's accounting policies, the trustees are required to make judgements, estimates and assumptions about the carrying amount of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised, if the revision affects only that period, or in the period of the revision and future periods if the revision affects both current and future periods.

There are no critical accounting estimates to declare.

2. Detailed comparatives for the statement of financial activities

	Restricted funds	Unrestricted funds	2024 Total funds
	£	£	£
Incoming resources			
Donations	-	126,475	126,475
Charitable activities	-	-	-
Total incoming resources	-	126,475	126,475
Expenditure on			
Charitable activities	3	(1,754)	(1,754)
Governance costs	4	(750)	(750)
	-	(2,504)	(2,504)
Net movement in funds, being net income/ (expenditure) for the year	-	123,971	123,971
Total funds brought forward	-	(684,134)	(684,134)
Fund balance at 31 March	-	(560,163)	(560,163)

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2025

3. Resources expended – Charitable activities

	2025	2025	2025
	Direct costs	Support costs	Total
		£	
	£		£
Grants awarded	-	-	-
Insurances	-	1,128	1,128
Computer expenses	-	-	-
Other office costs	73	-	73
	73	1,128	1,201

	2024	2024	2024
	Direct costs	Support costs	Total
		£	
	£		£
Grants awarded	667	-	667
Insurances	-	931	931
Computer expenses	-	(667)	(667)
Other office costs	823	-	823
	1,490	264	1,754

4. Governance costs

	2025	2024
	£	£
Independent examiner's fee	936	750

5. Net incoming resources/(resources expended)

This is stated after charging:

	2025	2024
	£	£
Depreciation of tangible fixed assets owned by the Trust	-	-
Independent examiner's fee	936	750

6. Staff costs

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2025

	2025	2024
	£	£
Full time equivalent employees	-	-

7. Investments

	2025
	£
Cost	
At 1 April 2023	1
At 31 March 2024	1
Net book value	
At 1 April 2023	1
At 31 March 2024	1

Subsidiary undertakings

The following were subsidiary undertakings of the company:

Name	Class of shares	Holding
Resilience Brokers Limited	Ordinary	100%

8. Debtors

	2025	2024
	£	£
Sundry receivable	9,250	-

9. Creditors: amounts falling due within 1 year

	2025	2024
	£	£
Trade creditors	73,428	73,425
Accruals	3,062	3,062
Amounts owed to group undertakings	188,647	201,698
Other creditors (note 13)	45,000	59,000
Total	310,137	337,185

10. Provisions

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2025

	2025	2024
	£	£
Provision for grants payable	132,000	132,000

11. Creditors: amounts falling due in more than 1 year

	2025	2024
	£	£
Loans payable	9,480	91,480

12. Reconciliation of net (expenditure)/Income to net cash flow from operating activities

	2025	2024
	£	£
Net income / (expenditure) for year	118,063	123,971
Depreciation and impairment of tangible fixed assets	-	-
Decrease in debtors	(9,250)	-
(Decrease)/increase in creditors	(27,048)	(65,081)
(Decrease)/increase in loans payable	(82,000)	(59,000)
Net cash flow from operating activities	(235)	(110)

12. Trustee remuneration

No trustees received nor waived any remuneration or expenses during the year (2024: £Nil).
No trustees received any reimbursement for expenses incurred during the year (2024: £Nil).

13. Related party transactions

Name of related party	Relationship to the Trust	Description of the transaction	2025	2024
			£	£
Resilience Brokers Ltd				
	100% subsidiary	Owed to subsidiary	188,647	201,698
Professor P Head and Mrs S Head				
	Chair	Donation received	73,750	98,020
		Owed to Prof Head/S Head	54,480	150,480

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2025

Professor P Head is the Chairman of the Trust. At the year end, the Charity had loans outstanding to Professor P Head and Mrs S Head totalling £54,480 (2024: £150,480) of which £45,000 is current (2024: £59,000).

The loan capital is repayable by agreement either in full or part subject to the Trust having sufficient funding to do so.

14a. Movements in funds (current year)

	At 1 April 2024	Income & gains	Expenditure & losses	At 31 March 2025
	£	£	£	£
Restricted funds	-	-	-	-
Unrestricted funds	(560,163)	120,200	(2,137)	(442,100)
Total funds	(560,163)	120,200	(2,137)	(442,100)

14b Movements in funds (prior year)

	At 1 April 2023	Income & gains	Expenditure & losses	At 31 March 2024
	£	£	£	£
Restricted funds	-	-	-	-
Unrestricted funds	(684,134)	126,475	(2,504)	(560,163)
Total funds	(684,134)	126,475	(2,504)	(560,163)

THE ECOLOGICAL SEQUESTRATION TRUST

England & Wales - Charity number 1143397

Accounts



Report and Accounts

Year ended 31 March 2024

www.ecosequestrust.org

Company number: 07611969

Registered Charity: 1143397

the ecological sequestration trust

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the ecological sequestration trust

Company information

for the year ended 31 March 2024

Trustees

Professor Peter Head CBE FREng FRSA
Professor Nilay Shah OBE FREng
Risa Goldstein (resigned 25th May 2023)
Barbara Ryan
Robin Stott

The Ecological Sequestration Trust is a charitable company limited by guarantee registered in England and Wales

Company number: 07611969

Registered Charity number: 1143397

Registered Office 86-90 Paul Street
London
EC2A 4NE

the ecological sequestration trust

Independent examiner's report

for the year ended 31 March 2024

Independent examiner's report to the trustees of The Ecological Sequestration Trust

I report to the trustees on my examination of the financial statements of the company for the year ended 31 March 2024 which are set out on pages 12 to 21.

This report is made solely to the trustees as a body, in accordance with the Charities Act 2011. My examination has been undertaken so that I might state to the trustees those matters I am required to state to them in an independent examiner's report and for no other purpose. To the fullest extent permitted by law, I do not accept or assume responsibility to anyone other than the Trust and the trustees as a body, for my examination, for this report, or for the opinions I have formed.

Responsibilities and basis of report

As the trustees of the charitable company (and also its directors for the purposes of company law) you are responsible for the preparation of the financial statements in accordance with the requirements of the Charities Act 2011 ('the 2011 Act').

I report in respect of my examination of your charity's financial statements as carried out under section 145 of the 2011 Act and in carrying out my examination I have followed all the applicable directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

Independent examiner's statement

If the charity's gross income exceeds £250,000 your examiner must be a member of a body listed in section 145 of the 2011 Act. I confirm that I am qualified to undertake the examination because I am a member of the Association of Certified Chartered Accountants, which is one of the listed bodies.

I have completed my examination. I confirm that no matters have come to my attention in connection with my examination giving me cause to believe that in any material respect:

- ◆ accounting records were not kept in respect of the charitable company as required by section 130 of the 2011 Act; or
- ◆ the financial statements do not accord with those records; or
- ◆ the financial statements do not comply with the applicable requirements concerning the form and content of financial statements set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the financial statements give a 'true and fair view' which is not a matter considered as part of an independent examination.

the ecological sequestration trust
Independent examiner's report
for the year ended 31 March 2024

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.

In reaching my conclusion on the financial statements, I have considered the adequacy of the disclosures in note 1.2 to the financial statements concerning the charitable company's ability to continue as a going concern. The Trustees have confirmed that continual support will be available from Professor and Mrs Head and expect that current and future sources of funding will be adequate for the company's needs.



Wendy Smith
Independent Examiner
Date: 4 November 2024

the ecological sequestration trust

Trustees report (incorporating a Directors report)

for the year ended 31 March 2024

Objectives and achievements 2023-2024

Our objectives

To attract the talent and expertise to establish and run the Trust, alongside a wider multidisciplinary advisory network.

To identify and attract sponsorship to fund the work of the Trust and implement our strategic aims.

To develop an open-source agent-based integrated urban-rural design model (resilience.io) to represent actual and proposed economics and resource flows and transformations for regional decision-making support to achieve the Global Goals.

Our achievements

We have continued to attract high profile expertise to act as Trustees and Advisory Board members. We have established a global research group to look at post covid-19 green and just recoveries with 200 expert members.

Securing sponsorship continues to be challenging. We have, however, built the Resilience Brokers delivery arm into a viable business providing services aligned to our strategic aims and basic stability to the team which is enabling the group to build new partnerships and opportunities, such as that with Dutch company Trust 2 Impact.

Our opportunities to build on the prototype urban-rural design model have been limited for this year. We have continued to develop expertise and applications of systems thinking in city-region settings which is allowing us to build knowledge and expertise to support future developments in this area. We are aligned with Trust 2 Impact and are bidding for funding which will enable this work to progress. There are encouraging signs of increased demand for this globally.

Objectives 2024 – 2025

Our objectives for 2024-2025 are:

- to identify and attract grants and sponsorship to fund the work of the Trust through the development of our association with Trust 2 Impact;
- to continue to grow the Resilience Brokers entity to a sustainable profitable business.

Strategic aims 2024 - 2029

The Trust is working to a five-year programme, with the following strategic objectives:

- **To establish city-region demonstrators of regenerative integrated planning around the world.** For each of these, to develop a portfolio of collaboration, technology integration and infrastructure projects involving global and local partners.
- **To further develop, test and deploy tools for collaboration and systems thinking to support integrated planning in city regions** in order to develop practical deliverable scenarios for low carbon, healthy, just and resilient urban development.

the ecological sequestration trust

Trustees report (incorporating a Directors report)

for the year ended 31 March 2024

- **To build on our global network, bringing talent and expertise together** so as to rapidly deploy together with resources to support climate compatible impact.

Structure, governance and management

Governing document and constitution

The Ecological Sequestration Trust is a charitable company limited by guarantee No. 07611969, incorporated under and governed by its Memorandum and Articles of Association. The Ecological Sequestration Trust was registered with the Charity Commission as a charity in England and Wales on 21 April 2011, No. 1143397. The administrative details of the charitable company are detailed on page 3 for the year ended 31 March 2024.

Objects

The objects of the Charity, as set out in the Articles of Association, are:

the conservation of the natural environment for the public benefit by promoting the reduction of greenhouse gases, particularly (without limitation) by developing and advancing carbon sequestration methods to reduce carbon dioxide levels in the atmosphere; and

to promote and carry out for the public benefit research into climate change and methods to reduce climate change, and to publish and widely disseminate the results of such research.

Public benefit

The Trustees have referred to the guidance in the Charity Commission's general guidance on Public Benefit when reviewing our aims and objectives and in planning our future activities. In particular, the planned activities will have a direct and positive benefit for individuals, communities and economies through the improved utilisation of scarce resources and resulting reduction in damage to the natural environment.

Recruitment and appointment of Trustees

The Trustees are listed on pages 8 and 9 and constitute the Board that manages the company. Trustees are recruited according to a range of skills and experience required to ensure the organisation's objectives are achieved. The minimum number of Board members is two. One third of trustees must retire at each annual general meeting, but are all eligible for re-election. Normally, Trustees may serve a maximum of three years at which point they must take a break from office. This rule may be disapplied by a unanimous resolution of the Trustees.

Induction and training of Trustees

Newly appointed Trustees are provided with an information pack detailing the Charity's work, its partnerships and its current policies. A programme of meetings is set up for new Trustees with the Chair and key members of staff.

Organisational structure and decision making

The Board is responsible for the policy and strategy of The Ecological Sequestration Trust and its subsidiary Resilience Brokers Limited, ensuring the long-term sustainability of the organisation along with its financial and legal probity. It is also responsible for the appointment of Trustees. The Executive Management Team is responsible for implementing policies and strategies that have been approved by the Board, and for progressing organisational objectives. The Board aims to meet quarterly and receives financial and operational reports from the Executive Management Team.

Risk management

The Board and Executive Management Team continually examine the principal areas of the Charity's operations and it regularly considers the major risks that may arise in each of these

the ecological sequestration trust

Trustees report (incorporating a Directors report)

for the year ended 31 March 2024

areas. The Executive Management Team continues to monitor carefully the financial outcome of initiatives undertaken during the year. It has done this in the knowledge that reserve funds need to increase in line with the Charity's reserves policy. This is an area that will continue to be monitored carefully in light of future plans.

The Trustees (who are also the Directors for Company law) are:

- Prof. Peter Head** Professor Peter Head is a civil and structural engineer and a recognised world leader in major bridges, advanced composite technology and integrated systems planning for sustainable development in cities and regions, working for Maunsell, AECOM and Arup.
- In 2008 he was named by the Guardian Newspaper as one of 50 people that could 'save the planet' and was cited by Time magazine as one of 30 global eco-heroes.
- In April 2011 he set up The Ecological Sequestration Trust, a Charity which has brought together the world's top scientists, engineers, economists, financiers, health, ecology and other specialists to create the www.resilience.io tool to help accelerate tackling climate change and inclusive regenerative development. It was prototyped and used by the Accra Metro Area to create an integrated systems investment plan to meet the United Nations Sustainable Development Goal SDG6 - water and sanitation by 2030.
- As well as working extensively with the UNDRR, Peter is visiting professor in sustainable systems engineering at University of Bristol. He also lectures on Performance Based Procurement at Oxford Brookes University.
- In 1998 he was awarded the OBE for his work on the Second Severn Crossing project and then in 2011 the CBE for services to Civil Engineering and the Environment.
-
- Prof. Nilay Shah** Professor Nilay Shah is Head of Department of Chemical Engineering and Director of the Centre for Process Systems Engineering at Imperial College London. He has co-authored over 200 technical papers on energy systems modelling and engineering, bio-energy systems, hydrogen infrastructures, supply chain modelling, process optimisation, biochemical process design, and plant safety. He has developed an optimisation-based design methodology for a variety of energy systems with strong spatial and temporal aspects.
- Nilay has received a number of awards including the IChemE Junior Moulton Medal (1996), an RAEng/ICI Engineering Fellowship (1997-2001), the Royal Society of Chemistry Beilby Medal and Prize (2005), the Imperial College Rector's Award for Research Excellence (2006), RAEng MacRobert Award (2007) and Imperial College Engineering Teaching Excellence Award (2009). He was awarded the OBE for services to decarbonising the economy in 2022.
-
- Barbara Ryan** Barbara J. Ryan, was the Secretariat Director of the Intergovernmental Group on Earth Observations (GEO) in Geneva, Switzerland to 2018. GEO is comprised of nearly 100 Member States, the European Commission, and 90 international scientific and technical partner organizations.

the ecological sequestration trust
Trustees report (incorporating a Directors report)
for the year ended 31 March 2024

Under Barbara's leadership, millions of satellite images and other earth observation data have been made available to the general public at no charge, allowing scientists, planners and policy makers to make better-informed decisions on problems that transcend political boundaries. Her work addresses critical issues in agriculture, biodiversity, climate change, disaster planning, energy, health and water.

Since becoming Director of GEO in 2012, Barbara has worked to integrate earth observation systems from around the world into a single, comprehensive system that uses co-ordinated data to understand how environmental factors impact human life.

Robin Stott

Robin Stott is a retired consultant physician with a lifetime interest in developing more socially and economically equal societies, which when created within environmental limits, are optimal precursors for good health.

In addition to enjoying his roles as father and grandfather, Robin relishes exercise, which he sees as a magic bullet in the prevention of non-communicable disease. He runs, cycles and practises tai chi regularly, and is a keen amateur astronomer.

the ecological sequestration trust

Trustees report (incorporating a Directors report)

for the year ended 31 March 2024

Financial review

Total income

Total income for the period amounted to £126,475 (2023: £101,499). This increase in revenue is attributed to an increased donation received from Professor and Mrs Head in the year and a donation received from our trading arm Resilience Brokers.

Total expenditure

Total expenditure for the year amounted to £2,504 (2023: £89,863). A grant of £84,941 was made to our trading arm, Resilience Brokers Limited in the prior financial year which has not been repeated this year. This has resulted in a reduction of expenditure incurred by the Trust in the current year.

Of the total expenditure of £2,504, 85% (£1,490) was spent on charitable activities and promoting the Charity. In 2023, of the total expenditure of £89,113, 97% (£86,277) was spent on charitable activities and promoting the Charity. The remaining 15% (2023: 3%) was spent on support costs and governance.

The Charity generated a net surplus for the year of £123,971 (2023: net surplus £11,636) which has resulted in a closing unrestricted funds balance of negative £560,163 (2023: negative £684,134).

Reserves policy and going concern

The Ecological Sequestration Trust aims to achieve a level of unrestricted reserves that will allow it sufficient stability to plan ahead for future ventures, whilst knowing that it can continue its operations and meet its commitments in the event of an unexpected shortfall in income.

Future ventures are now being steered through a long-term partnership with a new Dutch company, Trust 2 Impact, which shares the ambitions of the Trust and is putting substantial in-kind effort into multiple bids for funding for projects in Kenya. These projects, and the funding raised, will fund agreed work by Resilience Brokers on new data driven modelling and provision of collaboration platforms. Agreements are in place for this work. Resilience Brokers are now being approached for similar support on UK based programmes.

It is the Trustees' intention to ensure that new projects are undertaken only where there is sufficient specific additional funding available to cover related costs. Future income is anticipated from the ongoing support of Professor and Mrs Head as well as donations from our trading arm Resilience Brokers.

The Trust currently has negative reserves which have been funded by a loan from Professor and Mrs Head, details of which is given in note 16 to the accounts. The loan capital is repayable by agreement either in full or part subject to the Trust having sufficient funding to do so. Without the support of this loan it is doubtful that the Trust could continue operating. The trustees have confirmation from Professor and Mrs Head that they will continue to support the Trust and will not require the repayment of the loan until funding allows.

Trustees' responsibilities

The Trustees, who are also the directors of the company for the purposes of company law, are responsible for preparing the Annual Report and the Financial Statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice). Company law requires the Board of Directors/Trustees to prepare financial statements for each financial period that give a true and fair view of the state of affairs of the Charitable Company as at the balance sheet date, and of its incoming resources and application of resources, including income and expenditure, for the financial period. In preparing these financial statements, the Board of Directors/Trustees are required to:

- select suitable accounting procedures and apply them consistently,
- observe the methods that are reasonable and prudent,

the ecological sequestration trust
Trustees report (incorporating a Directors report)
for the year ended 31 March 2024

- state whether applicable UK accounting standards and statements of recommended practice have been followed subject to any material departures disclosed and fully explained in the financial statements, and
- prepare the financial statements on the 'going concern' basis unless it is inappropriate to presume that the charity will continue in operation.

The Board of Directors/Trustees are responsible for maintaining proper accounting records that disclose with reasonable accuracy at any time the financial position of the Charitable Company, and enable them to ensure the financial statements comply with the Companies Act 2006. The Board of Directors/Trustees are also responsible for safeguarding the assets of the Charitable Company and hence for taking reasonable steps to prevent fraud and other irregularities.

In accordance with company law, the Charitable Company's Trustees and Directors who held office at the date of the approval of this Trustees' Report certify that as Directors of the Charitable Company they have taken all the steps that they ought to have taken in order to make themselves aware of any relevant information.

This report is prepared in accordance with the accounting policies set out on pages 15,16 and 17 of the attached financial statements and comply with the charitable company's memorandum and articles of association, applicable laws and the requirements of the Statement of Recommended Practice applicable to charities preparing their financial statements in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102).

This report was approved by the Board of Trustees and signed on their behalf by:



Professor Peter Head
Company Director/Trustee

Date: 4 November 2024

the ecological sequestration trust
**Statement of financial activities (incorporating an income and
expenditure account)**
for the year ended 31 March 2024

		Restricted funds	Unrestricted funds	2024 Total funds	2023 Total funds
		£	£	£	£
Incoming resources					
Donations		-	126,475	126,475	60,001
Charitable activities	3	-	-	-	40,941
Other activities	4	-	-	-	557
Total incoming resources		-	126,475	126,475	101,499
Expenditure on					
Charitable activities	5	-	(1,754)	(1,754)	(89,113)
Governance costs	6	-	(750)	(750)	(750)
		-	(2,504)	(2,504)	(89,863)
Net movement in funds, being net income/ (expenditure) for the year		-	123,971	123,971	11,636
Total funds brought forward		-	(684,134)	(684,134)	(695,770)
Fund balance at 31 March		-	(560,163)	(560,163)	(684,134)

There were no recognised gains or losses other than those stated above.

The notes on pages 15 to 22 form an integral part of these accounts.

All activities relate to continuing operations.

the ecological sequestration trust

Balance sheet

as at 31 March 2024

Company No. 07611969

	Notes	2024 £	2023 £
Current assets			
Investments	9	1	1
Cash in bank and in hand		501	611
		502	612
Creditors: amounts falling due within 1 year			
Trade and other payables	10	(337,185)	(402,266)
Provisions	11	(132,000)	(132,000)
		(469,185)	(534,266)
Net current liabilities		(468,683)	(533,654)
Total assets less current liabilities		(468,683)	(533,654)
Creditors: amounts falling due in more than 1 year			
Loans payable	12	(91,480)	(150,480)
Total net liabilities		(560,163)	(684,134)
Funds			
Restricted funds	16	-	-
Unrestricted funds	16	(560,163)	(684,134)
Total funds		(560,163)	(684,134)

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

For the year ending 31 March 2024 the company was entitled to exemption from audit under section 477 of the Companies Act ("the Act") relating to small companies.

Directors' responsibilities:

- The members have not required the company to obtain an audit of its accounts for the year in question in accordance with section 476 of the Act;
- The directors acknowledge their responsibilities for complying with the requirements of the Act with respect to accounting records and the preparation of accounts.

The financial statements were approved and authorised by the Board.

Signed on behalf of the Board of Trustees:



Professor Peter Head
Company Director/Trustee
Date: 4 November 2024

the ecological sequestration trust

Balance sheet

as at 31 March 2024

Company No. 07611969

The notes on pages 15 to 22 form an integral part of these accounts

	Notes	2024 £	2023 £
Cash flow from operating activities	14	(110)	(6,852)
Cash flow from investing activities			
Sale of fixed assets		-	955
Cash flow from financing activities			
Interest paid		-	-
Net (decrease)/increase in cash and cash equivalents		(110)	(5,897)
Cash and cash equivalents at the start of period		611	6,508
Cash and cash equivalents at the end of period		501	611

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2024

1. Accounting policies

The principal accounting policies adopted in the preparation of these financial statements are set out below.

1.1 Basis of preparation

The financial statements have been prepared under the historical cost convention and in accordance with UK Generally Accepted Accounting Practice, the Companies Act 2006 and "The Financial Reporting Standard applicable in the UK and Republic of Ireland" ("FRS 102") and "Accounting and Reporting by Charities: Statement of Recommended Practice" applicable to charities applying FRS102 ("SORP").

The Ecological Sequestration Trust meets the definition of a public benefit entity under FRS102. Assets and liabilities are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy note(s).

1.2 Preparation of accounts on a going concern basis

The trustees have confirmation from Professor and Mrs Head that they will continue to support the Trust and will not require the repayment of the loan until funding allows. The trustees are of the view that this ongoing support by Professor and Mrs Head as well as prospective funding sources have secured the immediate future of the Trust for the next 12 to 18 months and that on this basis the assessment of the trustees is that the charity is a going concern.

1.3 Income recognition

Income from charitable activities: Income is recognised over the period that the service is provided.

Voluntary income: Patron and donor income is recognised when the income is received.

Grants received for specific purposes are allocated against the expenditure to which they relate within restricted funds.

Investment income: Investment income is recognised when the income is receivable.

1.4 Foreign currencies

Transactions in foreign currencies are initially recorded at the rates of exchange prevailing on the dates of the transactions. Monetary assets and liabilities denominated in such currencies are retranslated at the rates prevailing on the balance sheet date. Profits and losses arising on exchange are included in the net profit or loss for the year.

1.5 Taxation

The company is considered to pass the tests set out in Paragraph 1 Schedule 6 of the Finance Act 2010 and therefore it meets the definition of a charitable company for UK corporation tax purposes. Accordingly, the company is not liable to income tax or corporation tax derived from its charitable activities.

1.6 Grants payable

Grants payable represent amounts awarded by the charity during the year for charitable purposes. Grants payable are shown under creditors in the balance sheet and represent the full liability to pay grants to recipients over the full duration of their research projects. The grants are recognised as being payable once the recipient has met the conditions for receipt and the grant has been minuted at the trustees' meeting.

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2024

1.7 Fixed assets and depreciation

Assets are included at cost and are capitalised where the cost exceeds £500. Depreciation is provided on all tangible fixed assets in use at rates calculated to write off the cost or valuation, less estimated residual value, of each asset over its expected useful life, as follows:

Computer equipment - straight line over 3 years

1.8 Expenditure

All expenditure is accounted for on an accruals basis and has been classified under headings that aggregate all costs related to the category. Charitable expenditure includes all expenditure directly relating to the objects of the Charitable Company, primarily sub-grant expenditure, and is allocated on an actual cost basis. Governance costs are those costs incurred for the compliance with constitutional and statutory requirements, and are allocated on an actual cost basis.

Support costs are those functions that assist the work of the charity but do not directly undertake charitable activities. Support costs include back office costs, finance and governance costs which support the Trusts activities. The bases on which support costs have been allocated are set out in note 5.

1.9 Investments

Investments held as fixed assets are shown at cost less provision for impairment

1.10 Debtors

Trade and other debtors are recognised at the settlement amount due after any trade discount offered. Prepayments are valued at the amount prepaid, net of any trade discounts due. Accrued income and tax recoverable is included at the best estimate of the amounts receivable at the balance sheet date.

1.11 Cash at bank and in hand

Cash at bank and in hand includes cash and short term highly liquid investments with a short maturity of three months or less from the date of acquisition or opening of the deposit or similar account.

1.12 Creditors

Creditors are recognised where the charity has a present obligation resulting from a past event that will probably result in the transfer of funds to a third party and the amount due to settle the obligation can be measured or estimated reliably. Creditors and provisions are normally recognised at their settlement amount after allowing for any trade discounts due.

Provisions are measured at the best estimate of the amounts required to settle the obligation.

1.13 Financial instruments

Financial assets and liabilities are recognised when the charity becomes a party to the contractual provisions of the instrument. All financial assets and liabilities are initially measured at transaction price (including transaction costs).

The charity only has financial assets and financial liabilities of a kind that qualify as basic financial instruments. Basic financial instruments are initially recognised at transaction value and subsequently measured at their settlement value.

1.14 Unrestricted Funds

Unrestricted funds are funds available for use in accordance with the charitable objectives.

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2024

1.15 Critical accounting estimates and areas of judgement

In the application of the charity's accounting policies, the trustees are required to make judgements, estimates and assumptions about the carrying amount of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised, if the revision affects only that period, or in the period of the revision and future periods if the revision affects both current and future periods.

There are no critical accounting estimates to declare.

2. Detailed comparatives for the statement of financial activities

		Restricted funds £	Unrestricted funds £	2023 Total funds £
Incoming resources				
Donations		-	60,001	60,001
Charitable activities	3	40,941	-	40,941
Other activities	4	-	557	557
Total incoming resources		40,941	60,558	101,499
Expenditure on				
Charitable activities	5	(40,941)	(48,172)	(89,113)
Governance costs	6	-	(750)	(750)
		-	(48,922)	(48,922)
Net movement in funds, being net income/ (expenditure) for the year		-	11,636	11,636
Total funds brought forward		-	(695,770)	(695,770)
Fund balance at 31 March		-	(684,134)	(684,134)

3. Income from charitable activities

	2024 Total £	2023 Total £
Grant funding	-	40,491

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2024

All income from charitable activities is restricted.

4. Income from other activities

	2024	2023
	Total	Total
	£	£
Profit on sale of fixed assets	-	557

5. Resources expended – Charitable activities

	2024	2024	2024
	Direct costs	Support costs	Total
	£	£	£
Grants awarded	667	-	667
Insurances	-	931	931
Computer expenses	-	(667)	(667)
Other office costs	823	-	823
	1,490	264	1,754

	2023	2023	2023
	Direct costs	Support costs	Total
	£	£	£
Grants awarded	84,941	-	84,941
Insurances	-	2,255	2,255
Computer expenses	-	581	581
Other office costs	408	-	408
Depreciation	1,195	-	1,195
Exchange losses on revaluation	(267)	-	(267)
	86,277	2,836	89,113

6. Governance costs

	2024	2023
	£	£
Independent examiner's fee	750	750

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2024

7. Net incoming resources/(resources expended)

This is stated after charging:

	2024	2023
	£	£
Depreciation of tangible fixed assets owned by the Trust	-	1,195
Independent examiner's fee	750	750

8. Staff costs

	2024	2023
	£	£
Full time equivalent employees	-	-

On 1 April 2022 all employees were transferred to the employment of Resilience Brokers Limited, a 100% owned subsidiary of the Trust.

9. Investments

	2024
	£
Cost	
At 1 April 2023	1
At 31 March 2024	1
Net book value	
At 1 April 2023	1
At 31 March 2024	1

Subsidiary undertakings

The following were subsidiary undertakings of the company:

Name	Class of shares	Holding
Resilience Brokers Limited	Ordinary	100%

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2024

10. Creditors: amounts falling due within 1 year

	2024	2023
	£	£
Trade creditors	73,425	73,919
Accruals	3,062	2,498
Amounts owed to group undertakings	201,698	227,829
Other creditors (note 15)	59,000	98,020
Total	337,185	402,266

11. Provisions

	2024	2023
	£	£
Provision for grants payable	132,000	132,000

12. Creditors: amounts falling due in more than 1 year

	2024	2023
	£	£
Loans payable	91,480	150,480

13. Reconciliation of net (expenditure)/income to net cash flow from operating activities

	2024	2023
	£	£
Net income / (expenditure) for year	123,971	11,636
Depreciation and impairment of tangible fixed assets	-	1,195
Decrease in debtors	-	6,024
(Decrease)/increase in creditors	(65,081)	72,313
(Decrease)/increase in loans payable	(59,000)	(98,020)
Net cash flow from operating activities	(110)	(6,852)

14. Trustee remuneration

No trustees received nor waived any remuneration or expenses during the year (2023: £Nil).
No trustees received any reimbursement for expenses incurred during the year (2023: £Nil).

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2024

15. Related party transactions

Name of related party	Relationship to the Trust	Description of the transaction	2024 £	2023 £
Resilience Brokers Ltd				
	100% subsidiary	Grants payable	-	84,941
		Donation received	3,886	-
		Owed to subsidiary	201,698	227,829
Professor P Head				
	Chair	Donation received	98,020	48,000
		Owed to Prof Head	150,480	248,500

Professor P Head is the Chairman of the Trust. At the year end, the Charity had loans outstanding to Professor P Head and Mrs S Head totalling £150,480 (2023: £248,500) of which £59,000 is current (2023: £68,020).

The loan capital is repayable by agreement either in full or part subject to the Trust having sufficient funding to do so.

16a. Movements in funds (current year)

	At 1 April 2024 £	Income & gains £	Expenditure & losses £	At 31 March 2024 £
Restricted funds	-	-	-	-
Unrestricted funds	(684,134)	126,475	(2,504)	(560,163)
Total funds	(684,134)	126,475	(2,504)	(560,163)

The narrative to explain the purpose of each fund is given at the foot of the note below.

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2024

16b Movements in funds (prior year)

	At 1 April 2024 £	Income & gains £	Expenditure & losses £	At 31 March 2024 £
Restricted funds				
GIZ – Development of a Mexican sustainability architecture to implement Agenda 2030	-	40,941	(40,941)	-
Unrestricted funds	(695,770)	60,558	(48,922)	(684,134)
Total funds	(695,770)	101,499	(89,863)	(684,134)

Purposes of restricted funds - 2023

GIZ – Development of a Mexican sustainability architecture to implement Agenda 2030

The primary objective of the project is the green growth for the state of Yucatan, Mexico as a key part of its recovery from the Covid pandemic defined by the following benchmarks:

- introduction of integrated systems, and data and modelling approaches that support effective green growth planning and decision making;
- Co-creation of a strategy and action plan that builds skills and digital infrastructure to support green growth planning and decision making.

THE ECOLOGICAL SEQUESTRATION TRUST

England & Wales - Charity number 1143397

Accounts



Report and Accounts

Year ended 31 March 2023

www.ecosequestrust.org

Company number: 07611969

Registered Charity: 1143397

the ecological sequestration trust

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the ecological sequestration trust

Company information

for the year ended 31 March 2023

Trustees

Professor Peter Head CBE FREng FRSA
Professor Nilay Shah OBE FREng
Risa Goldstein (resigned 25th May 2023)
Barbara Ryan
Robin Stott

The Ecological Sequestration Trust is a charitable company limited by guarantee registered in England and Wales

Company number: 07611969

Registered Charity number: 1143397

Registered Office 86-90 Paul Street
London
EC2A 4NE

the ecological sequestration trust

Independent examiner's report

for the year ended 31 March 2023

Independent examiner's report to the trustees of The Ecological Sequestration Trust

I report to the trustees on my examination of the financial statements of the company for the year ended 31 March 2023 which are set out on pages 12 to 21.

This report is made solely to the trustees as a body, in accordance with the Charities Act 2011. My examination has been undertaken so that I might state to the trustees those matters I am required to state to them in an independent examiner's report and for no other purpose. To the fullest extent permitted by law, I do not accept or assume responsibility to anyone other than the Trust and the trustees as a body, for my examination, for this report, or for the opinions I have formed.

Responsibilities and basis of report

As the trustees of the charitable company (and also its directors for the purposes of company law) you are responsible for the preparation of the financial statements in accordance with the requirements of the Charities Act 2011 ('the 2011 Act').

I report in respect of my examination of your charity's financial statements as carried out under section 145 of the 2011 Act and in carrying out my examination I have followed all the applicable directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

Independent examiner's statement

If the charity's gross income exceeds £250,000 your examiner must be a member of a body listed in section 145 of the 2011 Act. I confirm that I am qualified to undertake the examination because I am a member of the Association of Certified Chartered Accountants, which is one of the listed bodies.

I have completed my examination. I confirm that no matters have come to my attention in connection with my examination giving me cause to believe that in any material respect:

- ◆ accounting records were not kept in respect of the charitable company as required by section 130 of the 2011 Act; or
- ◆ the financial statements do not accord with those records; or
- ◆ the financial statements do not comply with the applicable requirements concerning the form and content of financial statements set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the financial statements give a 'true and fair view' which is not a matter considered as part of an independent examination.

the ecological sequestration trust
Independent examiner's report
for the year ended 31 March 2023

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.

In reaching my conclusion on the financial statements, I have considered the adequacy of the disclosures in note 1.2 to the financial statements concerning the charitable company's ability to continue as a going concern. The Trustees have confirmed that continual support will be available from Professor and Mrs Head and expect that current and future sources of funding will be adequate for the company's needs.



Wendy Smith
Independent Examiner
Date: 18 September 2023

the ecological sequestration trust

Trustees report (incorporating a Directors report)

for the year ended 31 March 2023

Objectives and achievements 2022-2023

Our objectives

To attract the talent and expertise to establish and run the Trust, alongside a wider multidisciplinary advisory network.

To identify and attract sponsorship to fund the work of the Trust and implement our strategic aims.

To develop an open-source agent-based integrated urban-rural design model (resilience.io) to represent actual and proposed economics and resource flows and transformations for regional decision-making support to achieve the Global Goals.

Our achievements

We have continued to attract high profile expertise to act as Trustees and Advisory Board members. We have established a global research group to look at post covid-19 green and just recoveries with 200 expert members.

Securing sponsorship continues to be challenging. We have, however, built the Resilience Brokers delivery arm into a viable business providing services aligned to our strategic aims and basic stability to the team which is enabling the group to build new partnerships and opportunities, such as that with Dutch company Trust 2 Impact.

Our opportunities to build on the prototype urban-rural design model have been limited for this year. We have continued to develop expertise and applications of systems thinking in city-region settings which is allowing us to build knowledge and expertise to support future developments in this area. We are aligned with Trust 2 Impact and are bidding for funding which will enable this work to progress. There are encouraging signs of increased demand for this globally.

Objectives 2023 – 2024

Our objectives for 2023-2024 are:

- to identify and attract grants and sponsorship to fund the work of the Trust through the development of our association with Trust 2 Impact;
- to continue to grow the Resilience Brokers entity to a sustainable profitable business.

Strategic aims 2023 - 2028

The Trust is working to a five-year programme, with the following strategic objectives:

- **To establish city-region demonstrators of regenerative integrated planning around the world.** For each of these, to develop a portfolio of collaboration, technology integration and infrastructure projects involving global and local partners.
- **To further develop, test and deploy tools for collaboration and systems thinking to support integrated planning in city regions** in order to develop practical deliverable scenarios for low carbon, healthy, just and resilient urban development.

the ecological sequestration trust

Trustees report (incorporating a Directors report)

for the year ended 31 March 2023

- **To build on our global network, bringing talent and expertise together** so as to rapidly deploy together with resources to support climate compatible impact.

Structure, governance and management

Governing document and constitution

The Ecological Sequestration Trust is a charitable company limited by guarantee No. 07611969, incorporated under and governed by its Memorandum and Articles of Association. The Ecological Sequestration Trust was registered with the Charity Commission as a charity in England and Wales on 21 April 2011, No. 1143397. The administrative details of the charitable company are detailed on page 3 for the year ended 31 March 2023.

Objects

The objects of the Charity, as set out in the Articles of Association, are:

the conservation of the natural environment for the public benefit by promoting the reduction of greenhouse gases, particularly (without limitation) by developing and advancing carbon sequestration methods to reduce carbon dioxide levels in the atmosphere; and

to promote and carry out for the public benefit research into climate change and methods to reduce climate change, and to publish and widely disseminate the results of such research.

Public benefit

The Trustees have referred to the guidance in the Charity Commission's general guidance on Public Benefit when reviewing our aims and objectives and in planning our future activities. In particular, the planned activities will have a direct and positive benefit for individuals, communities and economies through the improved utilisation of scarce resources and resulting reduction in damage to the natural environment.

Recruitment and appointment of Trustees

The Trustees are listed on pages 8 and 9 and constitute the Board that manages the company. Trustees are recruited according to a range of skills and experience required to ensure the organisation's objectives are achieved. The minimum number of Board members is two. One third of trustees must retire at each annual general meeting, but are all eligible for re-election. Normally, Trustees may serve a maximum of three years at which point they must take a break from office. This rule may be disapplied by a unanimous resolution of the Trustees.

Induction and training of Trustees

Newly appointed Trustees are provided with an information pack detailing the Charity's work, its partnerships and its current policies. A programme of meetings is set up for new Trustees with the Chair and key members of staff.

Organisational structure and decision making

The Board is responsible for the policy and strategy of The Ecological Sequestration Trust and its subsidiary Resilience Brokers Limited, ensuring the long-term sustainability of the organisation along with its financial and legal probity. It is also responsible for the appointment of Trustees. The Executive Management Team is responsible for implementing policies and strategies that have been approved by the Board, and for progressing organisational objectives.

The Board aims to meet quarterly and receives financial and operational reports from the Executive Management Team.

Risk management

The Board and Executive Management Team continually examine the principal areas of the Charity's operations and it regularly considers the major risks that may arise in each of these

the ecological sequestration trust

Trustees report (incorporating a Directors report)

for the year ended 31 March 2023

areas. The Executive Management Team continues to monitor carefully the financial outcome of initiatives undertaken during the year. It has done this in the knowledge that reserve funds need to increase in line with the Charity's reserves policy. This is an area that will continue to be monitored carefully in light of future plans.

The Trustees (who are also the Directors for Company law) are:

- Prof. Peter Head** Professor Peter Head is a civil and structural engineer and a recognised world leader in major bridges, advanced composite technology and integrated systems planning for sustainable development in cities and regions, working for Maunsell, AECOM and Arup.
- In 2008 he was named by the Guardian Newspaper as one of 50 people that could 'save the planet' and was cited by Time magazine as one of 30 global eco-heroes.
- In April 2011 he set up The Ecological Sequestration Trust, a Charity which has brought together the world's top scientists, engineers, economists, financiers, health, ecology and other specialists to create the www.resilience.io tool to help accelerate tackling climate change and inclusive regenerative development. It was prototyped and used by the Accra Metro Area to create an integrated systems investment plan to meet the United Nations Sustainable Development Goal SDG6 - water and sanitation by 2030.
- As well as working extensively with the UNDRR, Peter is visiting professor in sustainable systems engineering at University of Bristol. He also lectures on Performance Based Procurement at Oxford Brookes University.
- In 1998 he was awarded the OBE for his work on the Second Severn Crossing project and then in 2011 the CBE for services to Civil Engineering and the Environment.
-
- Prof. Nilay Shah** Professor Nilay Shah is Head of Department of Chemical Engineering and Director of the Centre for Process Systems Engineering at Imperial College London. He has co-authored over 200 technical papers on energy systems modelling and engineering, bio-energy systems, hydrogen infrastructures, supply chain modelling, process optimisation, biochemical process design, and plant safety. He has developed an optimisation-based design methodology for a variety of energy systems with strong spatial and temporal aspects.
- Nilay has received a number of awards including the IChemE Junior Moulton Medal (1996), an RAEng/ICI Engineering Fellowship (1997-2001), the Royal Society of Chemistry Beilby Medal and Prize (2005), the Imperial College Rector's Award for Research Excellence (2006), RAEng MacRobert Award (2007) and Imperial College Engineering Teaching Excellence Award (2009). He was awarded the OBE for services to decarbonising the economy in 2022.
-
- Risa Goldstein** Risa Goldstein has been a licensed architect & planner for over 30 years. For 7 of them she was land development executive for a partnership of 3 major east coast entities, overseeing redevelopment of NYC and NJ sites including the MOTBY Peninsula in New Jersey – the largest undeveloped site in New York Harbour. On the private

the ecological sequestration trust
Trustees report (incorporating a Directors report)
for the year ended 31 March 2023

side of public-private partnerships, she has helped plan communities encompassing luxury residential, affordable housing, retail, hotel, office, cruise-ship harbour and green space uses, plus new road and public transportation systems, on a site subject to sea level rise.

Risa is committed to combining resiliency and sustainability planning with urban design. Now, drawing on knowledge of what motivates the private sector, she leads planning initiatives for public clients and has served on zoning and planning boards for a combined 20 years. She holds a BA in Design of the Environment, and a Masters in Architecture from the University of Pennsylvania.

Risa resigned as a trustee on 25th May 2023.

Barbara Ryan

Barbara J. Ryan, was the Secretariat Director of the Intergovernmental Group on Earth Observations (GEO) in Geneva, Switzerland to 2018. GEO is comprised of nearly 100 Member States, the European Commission, and 90 international scientific and technical partner organizations.

Under Barbara's leadership, millions of satellite images and other earth observation data have been made available to the general public at no charge, allowing scientists, planners and policy makers to make better-informed decisions on problems that transcend political boundaries. Her work addresses critical issues in agriculture, biodiversity, climate change, disaster planning, energy, health and water.

Since becoming Director of GEO in 2012, Barbara has worked to integrate earth observation systems from around the world into a single, comprehensive system that uses co-ordinated data to understand how environmental factors impact human life.

Robin Stott

Robin Stott is a retired consultant physician with a lifetime interest in developing more socially and economically equal societies, which when created within environmental limits, are optimal precursors for good health.

In addition to enjoying his roles as father and grandfather, Robin relishes exercise, which he sees as a magic bullet in the prevention of non-communicable disease. He runs, cycles and practises tai chi regularly, and is a keen amateur astronomer.

the ecological sequestration trust

Trustees report (incorporating a Directors report)

for the year ended 31 March 2023

Financial review

Total income

Total income for the period amounted to £101,499 (2022: £266,739). This fall in revenue is attributed to a reduced donation received from Professor and Mrs Head in the year and a reduction in the donation received from our trading arm Resilience Brokers. Additionally, the prior year income includes amounts received from furlough grants during the Covid pandemic which are non-recurring.

Total expenditure

Total expenditure for the year amounted to £89,863 (2022: £319,488). At the end of the prior year all staff employed by the Trust were transferred to being employed by our trading arm, Resilience Brokers Limited. This has resulted in a reduction of expenditure incurred by the Trust in the current year.

Of the total expenditure 99% (2022: 98%) was spent on charitable activities and promoting the Charity and the remaining 1% (2022: 2%) on support costs and governance. The Charity generated a net surplus for the year of £11,636 (2022: net deficit of £52,749) which has resulted in a closing unrestricted funds balance of negative £684,134 (2022: negative £695,770).

Reserves policy and going concern

The Ecological Sequestration Trust aims to achieve a level of unrestricted reserves that will allow it sufficient stability to plan ahead for future ventures, whilst knowing that it can continue its operations and meet its commitments in the event of an unexpected shortfall in income.

Future ventures are now being steered through a long-term partnership with a new Dutch company, Trust 2 Impact, which shares the ambitions of the Trust and is putting substantial in-kind effort into multiple bids for funding for projects in Kenya. These projects, and the funding raised, will fund agreed work by Resilience Brokers on new data driven modelling and provision of collaboration platforms. Agreements are in place for this work. Resilience Brokers are now being approached for similar support on UK based programmes.

It is the Trustees' intention to ensure that new projects are undertaken only where there is sufficient specific additional funding available to cover related costs. Future income is anticipated from the ongoing support of Professor and Mrs Head as well as donations from our trading arm Resilience Brokers.

The Trust currently has negative reserves which have been funded by a loan from Professor and Mrs Head, details of which is given in note 16 to the accounts. The loan capital is repayable by agreement either in full or part subject to the Trust having sufficient funding to do so. Without the support of this loan it is doubtful that the Trust could continue operating. The trustees have confirmation from Professor and Mrs Head that they will continue to support the Trust and will not require the repayment of the loan until funding allows.

Trustees' responsibilities

The Trustees, who are also the directors of the company for the purposes of company law, are responsible for preparing the Annual Report and the Financial Statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice). Company law requires the Board of Directors/Trustees to prepare financial statements for each financial period that give a true and fair view of the state of affairs of the Charitable Company as at the balance sheet date, and of its incoming resources and application of resources, including income and expenditure, for the financial period. In preparing these financial statements, the Board of Directors/Trustees are required to:

- select suitable accounting procedures and apply them consistently,
- observe the methods that are reasonable and prudent,

the ecological sequestration trust
Trustees report (incorporating a Directors report)
for the year ended 31 March 2023

- state whether applicable UK accounting standards and statements of recommended practice have been followed subject to any material departures disclosed and fully explained in the financial statements, and
- prepare the financial statements on the 'going concern' basis unless it is inappropriate to presume that the charity will continue in operation.

The Board of Directors/Trustees are responsible for maintaining proper accounting records that disclose with reasonable accuracy at any time the financial position of the Charitable Company, and enable them to ensure the financial statements comply with the Companies Act 2006. The Board of Directors/Trustees are also responsible for safeguarding the assets of the Charitable Company and hence for taking reasonable steps to prevent fraud and other irregularities.

In accordance with company law, the Charitable Company's Trustees and Directors who held office at the date of the approval of this Trustees' Report certify that as Directors of the Charitable Company they have taken all the steps that they ought to have taken in order to make themselves aware of any relevant information.

This report is prepared in accordance with the accounting policies set out on pages 15, 16 and 17 of the attached financial statements and comply with the charitable company's memorandum and articles of association, applicable laws and the requirements of the Statement of Recommended Practice applicable to charities preparing their financial statements in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102).

This report was approved by the Board of Trustees and signed on their behalf by:



Professor Peter Head
Company Director/Trustee

Date: 18 September 2023

the ecological sequestration trust
**Statement of financial activities (incorporating an income and
expenditure account)**
for the year ended 31 March 2023

		Restricted Funds	Unrestricted funds	2023 Total funds	2022 Total funds
		£	£	£	£
Incoming resources					
Donations		-	60,001	60,001	171,503
Charitable activities	3	40,941	-	40,941	73,723
Other activities	4	-	557	557	21,513
<hr/>					
Total incoming resources		40,941	60,558	101,499	266,739
Expenditure on					
Charitable activities	5	(40,941)	(48,172)	(89,113)	(318,738)
Governance costs	6	-	(750)	(750)	(750)
<hr/>					
		(40,941)	(48,922)	(89,863)	(319,488)
Net movement in funds, being net income/ (expenditure) for the year		-	11,636	11,636	(52,749)
Total funds brought forward		-	(695,770)	(695,770)	(643,021)
<hr/>					
Fund balance at 31 March		-	(684,134)	(684,134)	(695,770)

There were no recognised gains or losses other than those stated above.

The notes on pages 15 to 22 form an integral part of these accounts.

All activities relate to continuing operations.

the ecological sequestration trust

Balance sheet

as at 31 March 2023

Company No. 07611969

	Notes	2023 £	2022 £
Fixed assets	9	-	2,149
Current assets			
Investments	10	1	2
Debtors	11	-	6,024
Cash in bank and in hand		611	6,508
		612	12,534
Creditors: amounts falling due within 1 year			
Trade and other payables	12	(402,266)	(329,953)
Provisions	13	(132,000)	(132,000)
		(534,266)	(461,953)
Net current liabilities		(533,654)	(449,419)
Total assets less current liabilities		(533,654)	(447,270)
Creditors: amounts falling due in more than 1 year			
Loans payable	14	(150,480)	(248,500)
Total net liabilities		(684,134)	(695,770)
Funds			
Restricted funds	18	-	-
Unrestricted funds	18	(684,134)	(695,770)
Total funds		(684,134)	(695,770)

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

For the year ending 31 March 2023 the company was entitled to exemption from audit under section 477 of the Companies Act ("the Act") relating to small companies.

Directors' responsibilities:

- The members have not required the company to obtain an audit of its accounts for the year in question in accordance with section 476 of the Act;
- The directors acknowledge their responsibilities for complying with the requirements of the Act with respect to accounting records and the preparation of accounts.

The financial statements were approved and authorised by the Board.

Signed on behalf of the Board of Trustees:



Professor Peter Head
Company Director/Trustee
Date: 18 September 2023

the ecological sequestration trust

Balance sheet

as at 31 March 2023

Company No. 07611969

The notes on pages 15 to 21 form an integral part of these accounts

	Notes	2023 £	2022 £
Cash flow from operating activities	15	(6,852)	1,072
Cash flow from investing activities			
Purchase of fixed assets		-	(1,911)
Sale of fixed assets		955	-
Cash flow from financing activities			
Interest paid		-	-
Net (decrease)/increase in cash and cash equivalents		(5,897)	(839)
Cash and cash equivalents at the start of period		6,508	7,347
Cash and cash equivalents at the end of period		611	6,508

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2023

1. Accounting policies

The principal accounting policies adopted in the preparation of these financial statements are set out below.

1.1 Basis of preparation

The financial statements have been prepared under the historical cost convention and in accordance with UK Generally Accepted Accounting Practice, the Companies Act 2006 and “The Financial Reporting Standard applicable in the UK and Republic of Ireland” (“FRS 102”) and “Accounting and Reporting by Charities: Statement of Recommended Practice” applicable to charities applying FRS102 (“SORP”).

The Ecological Sequestration Trust meets the definition of a public benefit entity under FRS102. Assets and liabilities are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy note(s).

1.2 Preparation of accounts on a going concern basis

The trustees have confirmation from Professor and Mrs Head that they will continue to support the Trust and will not require the repayment of the loan until funding allows. The trustees are of the view that this ongoing support by Professor and Mrs Head as well as prospective funding sources have secured the immediate future of the Trust for the next 12 to 18 months and that on this basis the assessment of the trustees is that the charity is a going concern.

1.3 Income recognition

Income from charitable activities: Income is recognised over the period that the service is provided.

Voluntary income: Patron and donor income is recognised when the income is received.

Grants received for specific purposes are allocated against the expenditure to which they relate within restricted funds.

Investment income: Investment income is recognised when the income is receivable.

1.4 Foreign currencies

Transactions in foreign currencies are initially recorded at the rates of exchange prevailing on the dates of the transactions. Monetary assets and liabilities denominated in such currencies are retranslated at the rates prevailing on the balance sheet date. Profits and losses arising on exchange are included in the net profit or loss for the year.

1.5 Taxation

The company is considered to pass the tests set out in Paragraph 1 Schedule 6 of the Finance Act 2010 and therefore it meets the definition of a charitable company for UK corporation tax purposes. Accordingly, the company is not liable to income tax or corporation tax derived from its charitable activities.

1.6 Grants payable

Grants payable represent amounts awarded by the charity during the year for charitable purposes. Grants payable are shown under creditors in the balance sheet and represent the full liability to pay grants to recipients over the full duration of their research projects. The grants are recognised as being payable once the recipient has met the conditions for receipt and the grant has been minuted at the trustees' meeting.

1.7 Fixed assets and depreciation

Assets are included at cost and are capitalised where the cost exceeds £500. Depreciation is provided on all tangible fixed assets in use at rates calculated to write off the cost or valuation, less estimated residual value, of each asset over its expected useful life, as follows:

Computer equipment - straight line over 3 years

1.8 Expenditure

All expenditure is accounted for on an accruals basis and has been classified under headings that aggregate all costs related to the category. Charitable expenditure includes all expenditure directly relating to the objects of the Charitable Company, primarily sub-grant expenditure, and is allocated on an actual cost basis. Governance costs are those costs incurred for the compliance with constitutional and statutory requirements, and are allocated on an actual cost basis.

Support costs are those functions that assist the work of the charity but do not directly undertake charitable activities. Support costs include back office costs, finance and governance costs which support the Trusts activities. The bases on which support costs have been allocated are set out in note 5.

1.9 Investments

Investments held as fixed assets are shown at cost less provision for impairment

1.10 Debtors

Trade and other debtors are recognised at the settlement amount due after any trade discount offered. Prepayments are valued at the amount prepaid, net of any trade discounts due. Accrued income and tax recoverable is included at the best estimate of the amounts receivable at the balance sheet date.

1.11 Cash at bank and in hand

Cash at bank and in hand includes cash and short term highly liquid investments with a short maturity of three months or less from the date of acquisition or opening of the deposit or similar account.

1.12 Creditors

Creditors are recognised where the charity has a present obligation resulting from a past event that will probably result in the transfer of funds to a third party and the amount due to settle the obligation can be measured or estimated reliably. Creditors and provisions are normally recognised at their settlement amount after allowing for any trade discounts due.

Provisions are measured at the best estimate of the amounts required to settle the obligation.

1.13 Financial instruments

Financial assets and liabilities are recognised when the charity becomes a party to the contractual provisions of the instrument. All financial assets and liabilities are initially measured at transaction price (including transaction costs).

The charity only has financial assets and financial liabilities of a kind that qualify as basic financial instruments. Basic financial instruments are initially recognised at transaction value and subsequently measured at their settlement value.

1.14 Unrestricted Funds

Unrestricted funds are funds available for use in accordance with the charitable objectives.

Notes to the financial statements

for the year ended 31 March 2023

1.15 Critical accounting estimates and areas of judgement

In the application of the charity's accounting policies, the trustees are required to make judgements, estimates and assumptions about the carrying amount of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised, if the revision affects only that period, or in the period of the revision and future periods if the revision affects both current and future periods.

There are no critical accounting estimates to declare.

2. Detailed comparatives for the statement of financial activities

		Restricted funds £	Unrestricted funds £	2022 Total funds £
Incoming resources				
Donations		-	171,503	171,503
Charitable activities	3	73,723	-	73,723
Other activities	4	-	21,513	21,513
<hr/>				
Total incoming resources		73,723	266,739	266,739
Expenditure on				
Charitable activities	5	(73,723)	(245,015)	(318,738)
Governance costs	6	-	(750)	(750)
<hr/>				
		(73,723)	(245,765)	(319,488)
Net movement in funds, being net income/ (expenditure) for the year		-	(52,749)	(52,749)
Total funds brought forward		-	(643,021)	(643,021)
<hr/>				
Fund balance at 31 March		-	(695,770)	(695,770)

3. Income from charitable activities

	2023 Total £	2022 Total £
Grant funding	40,941	73,723

All income from charitable activities is restricted.

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2023

4. Income from other activities

	2023 Total £	2022 Total £
CJRS grants	-	21,263
Profit on sale of fixed assets	557	-
Other	-	250
Total	557	21,513

All income from other trading activities is unrestricted.

5. Resources expended – Charitable activities

	2023 Direct costs £	2023 Support costs £	2023 Total £
Grants awarded	84,941	-	84,941
Insurances	-	2,255	2,255
Computer expenses	-	581	581
Other office costs	408	-	408
Depreciation	1,195	-	1,195
Exchange losses on revaluation	(267)	-	(267)
	86,277	2,836	89,113

	2022 Direct costs £	2022 Support costs £	2022 Total £
Grants awarded	163,250	-	163,250
Employment costs	144,367	-	144,367
Insurances	-	2,341	2,341
Travel and subsistence	1,507	-	1,507
Printing and stationery	180	-	180
Computer expenses	-	3,523	3,523
Other office costs	1,917	250	1,970
Depreciation	1,512	-	1,512
Exchange losses on revaluation	(109)	-	(109)
	312,624	6,114	318,738

6. Governance costs

	2023 £	2022 £
Independent examiner's fee	750	750

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2023

7. Net incoming resources/(resources expended)

This is stated after charging:

	2023	2022
	£	£
Depreciation of tangible fixed assets – owned by the Trust	1,195	1,512
Independent examiner's fee	750	750

8. Staff costs

	2023	2022
	£	£
Salaries	-	131,921
Social security costs	-	9,647
Pension costs	-	2,799
Total	-	144,367
Full time equivalent employees	-	2

On 1 April 2022 all employees were transferred to the employment of Resilience Brokers Limited, a 100% owned subsidiary of the Trust.

9. Fixed assets

Computer equipment	2023
	£
Cost	
At 1 April 2022	6,806
Additions	-
Disposals	(6,806)
At 31 March 2023	-
Accumulated depreciation	
At 1 April 2022	4,657
Disposals	(5,852)
Charge for the year	1,195
At 31 March 2023	-
Net book value	
At 1 April 2022	2,149
At 31 March 2023	-

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2023

10. Investments

	2023
	£
Cost	
At 1 April 2022	2
Disposals	(1)
At 31 March 2023	1
Net book value	
At 1 April 2022	2
At 31 March 2023	1

During the year the 100% owned subsidiary, The Ecological Sequestration Trust (Trading) Ltd, was voluntarily liquidated and dissolved on 28 March 2023.

Subsidiary undertakings

The following were subsidiary undertakings of the company:

Name	Class of shares	Holding
Resilience Brokers Limited	Ordinary	100%

11. Debtors

	2023	2022
	£	£
Amounts owed from group undertakings	-	6,024

12. Creditors: amounts falling due within 1 year

	2023	2022
	£	£
Trade creditors	73,919	73,821
Accruals	2,498	202,273
Amounts owed to group undertakings	227,829	-
Other creditors (note 17)	98,020	53,859
Total	402,266	329,953

13. Provisions

	2023	2022
	£	£
Provision for grants payable	132,000	132,000

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2023

14. Creditors: amounts falling due in more than 1 year

	2023 £	2022 £
Loans payable	150,480	248,500

15. Reconciliation of net (expenditure)/income to net cash flow from operating activities

	2023 £	2022 £
Net income / (expenditure) for year	11,636	(52,749)
Depreciation and impairment of tangible fixed assets	1,195	1,512
Decrease in debtors	6,024	141,801
(Decrease)/increase in creditors	72,313	(11,742)
(Decrease)/increase in loans payable	(98,020)	(77,750)
Net cash flow from operating activities	(6,852)	1,072

16. Trustee remuneration

No trustees received nor waived any remuneration or expenses during the year (2022: £Nil).
No trustees received any reimbursement for expenses incurred during the year (2022: £Nil).

17. Related party transactions

Name of related party	Relationship to the Trust	Description of the transaction	2023 £	2022 £
Resilience Brokers Ltd				
	100% subsidiary	Grants payable	84,941	162,477
		Owed to subsidiary	227,829	-
		Owed by subsidiary	-	6,024
The Ecological Sequestration Trust (Trading) Ltd				
	100% subsidiary	Donation received	-	50,872
Professor P Head				
	Chair	Donation received	48,000	95,000
		Owed to Prof Head	248,500	296,500

Professor P Head is the Chairman of the Trust. At the year end, the Charity had loans outstanding to Professor P Head and Mrs S Head totalling £248,500 (2022: £296,500) of which £98,020 is current (2022: £48,000).

The loan capital is repayable by agreement either in full or part subject to the Trust having sufficient funding to do so.

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2023

18a. Movements in funds (current year)

	At 1 April 2022	Income & gains	Expenditure & & losses	At 31 March 2023
Restricted funds				
GIZ – Development of a Mexican sustainability architecture to implement Agenda 2030	-	40,941	(40,941)	-
Unrestricted funds	(695,770)	60,558	(48,922)	(684,134)
Total funds	(695,770)	101,499	(89,863)	(684,134)

The narrative to explain the purpose of each fund is given at the foot of the note below.

18b Movements in funds (prior year)

	At 1 April 2021	Income & gains	Expenditure & losses	At 31 March 2022
Restricted funds				
Development of a Mexican sustainability architecture to implement Agenda 2030	-	73,723	(73,723)	-
Unrestricted funds	(643,021)	193,016	(245,765)	(695,770)
Total funds	(643,021)	266739	(319,488)	(695,770)

Purposes of restricted funds

GIZ – Development of a Mexican sustainability architecture to implement Agenda 2030

The primary objective of the project is the green growth for the state of Yucatan, Mexico as a key part of its recovery from the Covid pandemic defined by the following benchmarks:

- introduction of integrated systems, and data and modelling approaches that support effective green growth planning and decision making;
- Co-creation of a strategy and action plan that builds skills and digital infrastructure to support green growth planning and decision making.

THE ECOLOGICAL SEQUESTRATION TRUST

England & Wales - Charity number 1143397

Accounts



Report and Accounts

Year ended 31 March 2022

www.ecosequestrust.org

Company number: 07611969

Registered Charity: 1143397

the ecological sequestration trust

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the ecological sequestration trust

Company information

for the year ended 31 March 2022

Chair Professor Peter Head CBE FREng FRSA

Trustees Professor Nilay Shah
Risa Goldstein
Barbara Ryan
Robin Stott

The Ecological Sequestration Trust is a charitable company limited by guarantee registered in England and Wales

Company number: 07611969

Registered Charity number: 1143397

Registered Office 86-90 Paul Street
London
EC2A 4NE

the ecological sequestration trust

Independent examiner's report

for the year ended 31 March 2022

Independent examiner's report to the trustees of The Ecological Sequestration Trust

I report on the financial statements of the company for the year ended 31 March 2022 which are set out on pages 12 to 21.

Responsibilities and basis of report

As the trustees of the charitable company (and also its directors for the purposes of company law) you are responsible for the preparation of the financial statements in accordance with the requirements of the Companies Act 2006 ('the 2006 Act').

Having satisfied myself that the financial statements of the charitable company are not required to be audited under Part 16 of the 2006 Act and are eligible for independent examination, I report in respect of my examination of your charity's financial statements as carried out under section 145 of the Charities Act 2011 ('the 2011 Act'). In carrying out my examination I have followed the Directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

Independent examiner's statement

Since the charity's gross income exceeded £250,000 your examiner must be a member of a body listed in section 145 of the 2011 Act. I confirm that I am qualified to undertake the examination because I am a member of the Association of Certified Chartered Accountants, which is one of the listed bodies.

I have completed my examination. I confirm that no matters have come to my attention in connection with my examination giving me cause to believe:

- ◆ accounting records were not kept in respect of the charitable company as required by section 386 of the 2006 Act; or
- ◆ the financial statements do not accord with those records; or
- ◆ the financial statements do not comply with the accounting requirements of section 396 of the 2006 Act other than any requirement that the financial statements give a 'true and fair view' which is not a matter considered as part of an independent examination; or
- ◆ the financial statements have not been prepared in accordance with the methods and principles of the for "Accounting and Reporting by Charities: the Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (effective 1 January 2015)."

the ecological sequestration trust
Independent examiner's report
for the year ended 31 March 2022

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.

In reaching my conclusion on the financial statements, I have considered the adequacy of the disclosures in note 1.2 to the financial statements concerning the charitable company's ability to continue as a going concern. The Trustees have confirmed that continual support will be available from Professor and Mrs Head and expect that current and future sources of funding will be adequate for the company's needs.



Wendy Smith
Independent Examiner
Date: 15 September 2022

the ecological sequestration trust

Trustees report (incorporating a Directors report)

for the year ended 31 March 2022

Objectives and achievements 2021-2022

Our objectives

To attract the talent and expertise to establish and run the Trust, alongside a wider multidisciplinary advisory network.

To identify and attract major sponsorship to fund the work of the Trust and implement our strategic aims.

To develop an open source agent-based integrated urban-rural design model (resilience.io) to represent actual and proposed economics and resource flows and transformations for regional decision-making support to achieve the Global Goals.

Our achievements

We have continued to attract high profile expertise to act as Trustees and Advisory Board members. We have established a global research group to look at post covid-19 green and just recoveries with 200 expert members.

Our major sponsorship efforts have not been successful. We have, however, built the Resilience Brokers delivery arm into a viable business providing services aligned to our strategic aims and basic stability to the team which is enabling the group to build new partnerships and opportunities.

Our opportunities to build on the prototype urban-rural design model have been limited for this year. We have continued to develop expertise and applications of systems thinking in city-region settings which is allowing us to build knowledge and expertise to support future developments in this area.

Objectives 2022 – 2023

Our objectives for 2022-2023 are:

- To grow the Resilience Brokers business to demonstrate using systems thinking and collaborative approaches to unlock value and to improve the climate resilience of places;
- to identify and attract major grants and sponsorship to fund the work of the Trust and implement our strategic aims;
- to further develop, test and demonstrate tools, including resilience.io for systems thinking and collaboration to support more climate compatible, just and healthy decisions in cities and regions;
- to grow a network of networks and initiatives to rapidly convene expertise and resources for working towards achieving our strategic aims.

the ecological sequestration trust

Trustees report (incorporating a Directors report) continued

for the year ended 31 March 2022

Strategic aims 2022 - 2027

The Trust is working to a five-year programme, with the following strategic objectives:

- **To establish city-region demonstrators of regenerative integrated planning around the world.** For each of these, to develop a portfolio of collaboration, technology integration and infrastructure projects involving global and local partners.
- **To further develop, test and deploy tools for collaboration and systems thinking to support integrated planning in city regions** in order to develop practical deliverable scenarios for low carbon, healthy, just and resilient urban development.
- **To further develop a global network of networks and initiatives, bringing talent and expertise together** so as to rapidly deploy together with resources to support climate compatible impact.

Structure, governance and management

Governing document and constitution

The Ecological Sequestration Trust is a charitable company limited by guarantee No. 07611969, incorporated under and governed by its Memorandum and Articles of Association. The Ecological Sequestration Trust was registered with the Charity Commission as a charity in England and Wales on 21 April 2011, No. 1143397. The administrative details of the charitable company are detailed on page 3 for the year ended 31 March 2022.

Objects

The objects of the Charity, as set out in the Articles of Association, are:

the conservation of the natural environment for the public benefit by promoting the reduction of greenhouse gases, particularly (without limitation) by developing and advancing carbon sequestration methods to reduce carbon dioxide levels in the atmosphere; and

to promote and carry out for the public benefit research into climate change and methods to reduce climate change, and to publish and widely disseminate the results of such research.

Public benefit

The Trustees have referred to the guidance in the Charity Commission's general guidance on Public Benefit when reviewing our aims and objectives and in planning our future activities. In particular, the planned activities will have a direct and positive benefit for individuals, communities and economies through the improved utilisation of scarce resources and resulting reduction in damage to the natural environment.

Recruitment and appointment of Trustees

The Trustees are listed on pages 8 and 9 and constitute the Board that manages the company. Trustees are recruited according to a range of skills and experience required to ensure the organisation's objectives are achieved. The minimum number of Board members is two. One third of trustees must retire at each annual general meeting, but are all eligible for re-election. Normally, Trustees may serve a maximum of three years at which point they must take a break from office. This rule may be disapplied by a unanimous resolution of the Trustees.

Induction and training of Trustees

Newly appointed Trustees are provided with an information pack detailing the Charity's work, its partnerships and its current policies. A programme of meetings is set up for new Trustees with the Chair and key members of staff.

the ecological sequestration trust

Trustees report (incorporating a Directors report) continued

for the year ended 31 March 2022

Organisational structure and decision making

The Board is responsible for the policy and strategy of The Ecological Sequestration Trust, ensuring the long-term sustainability of the organisation along with its financial and legal probity. It is also responsible for the appointment of Trustees. The Executive Management Team is responsible for implementing policies and strategies that have been approved by the Board, and for progressing organisational objectives.

The Board aims to meet quarterly and receives financial and operational reports from the Executive Management Team.

Risk management

The Board and Executive Management Team continually examine the principal areas of the Charity's operations and it regularly considers the major risks that may arise in each of these areas. Under normal conditions, the established resources and systems should allow the risks identified to be mitigated to an acceptable level in day-to-day operations. In view of the difficult economic climate, and in recognition of the early start-up period of the Trust, the monitoring of financial risk has been an area of continued focus in the year of review. The Executive Management Team has been monitoring carefully the financial outcome of initiatives undertaken during the year. It has done this in the knowledge that reserve funds need to increase in line with the Charity's reserves policy. This is an area that will continue to be monitored carefully in light of future plans.

The Trustees (who are also the Directors for Company law) are:

Prof. Nilay Shah

Professor Nilay Shah is Head of Department of Chemical Engineering and Director of the Centre for Process Systems Engineering at Imperial College London. He has co-authored over 200 technical papers on energy systems modelling and engineering, bio-energy systems, hydrogen infrastructures, supply chain modelling, process optimisation, biochemical process design, and plant safety. He has developed an optimisation-based design methodology for a variety of energy systems with strong spatial and temporal aspects.

Nilay has received a number of awards including the IChemE Junior Moulton Medal (1996), an RAEng/ICI Engineering Fellowship (1997-2001), the Royal Society of Chemistry Beilby Medal and Prize (2005), the Imperial College Rector's Award for Research Excellence (2006), RAEng MacRobert Award (2007) and Imperial College Engineering Teaching Excellence Award (2009). He was awarded an OBE for services to decarbonising the economy in 2022.

the ecological sequestration trust
Trustees report (incorporating a Directors report) continued
for the year ended 31 March 2022

Risa Goldstein Risa Goldstein has been a licensed architect & planner for over 30 years. For 7 of them she was land development executive for a partnership of 3 major east coast entities, overseeing redevelopment of NYC and NJ sites including the MOTBY Peninsula in New Jersey – the largest undeveloped site in New York Harbour. On the private side of public-private partnerships, she has helped plan communities encompassing luxury residential, affordable housing, retail, hotel, office, cruise-ship harbour and green space uses, plus new road and public transportation systems, on a site subject to sea level rise. Risa is committed to combining resiliency and sustainability planning with urban design. Now, drawing on knowledge of what motivates the private sector, she leads planning initiatives for public clients and has served on zoning and planning boards for a combined 20 years. She holds a BA in Design of the Environment, and a Masters in Architecture from the University of Pennsylvania.

Barbara Ryan Barbara J. Ryan, was the Secretariat Director of the Intergovernmental Group on Earth Observations (GEO) in Geneva, Switzerland to 2018. GEO is comprised of nearly 100 Member States, the European Commission, and 90 international scientific and technical partner organizations. Under Barbara's leadership, millions of satellite images and other earth observation data have been made available to the general public at no charge, allowing scientists, planners and policy makers to make better-informed decisions on problems that transcend political boundaries. Her work addresses critical issues in agriculture, biodiversity, climate change, disaster planning, energy, health and water. Since becoming Director of GEO in 2012, Barbara has worked to integrate earth observation systems from around the world into a single, comprehensive system that uses co-ordinated data to understand how environmental factors impact human life.

Robin Stott Robin Stott is a retired consultant physician with a lifetime interest in developing more socially and economically equal societies, which when created within environmental limits, are optimal precursors for good health. In addition to enjoying his roles as father and grandfather, Robin relishes exercise, which he sees as a magic bullet in the prevention of non-communicable disease. He runs, cycles and practises tai chi regularly, and is a keen amateur astronomer.

the ecological sequestration trust
Trustees report (incorporating a Directors report) continued
for the year ended 31 March 2022

Financial review

Total income

Total income for the period amounted to £266,739 (2021: £213,740).

Total expenditure

Total expenditure for the year amounted to £319,488 (2021: £116,072). Of this expenditure 98% (2021: 95%) was spent on charitable activities and promoting the Charity and the remaining 2% (2021: 5%) on support costs and governance. The Charity generated a net deficit for the year of £52,749 (2021: net surplus of £97,668) which has resulted in a closing unrestricted funds balance of negative £695,770 (2021: £643,021).

Reserves policy and going concern

The Ecological Sequestration Trust aims to achieve a level of unrestricted reserves that will allow it sufficient stability to plan ahead for future ventures, whilst knowing that it can continue its operations and meet its commitments to its staff and others, in the event of an unexpected shortfall in income.

It is the Trustees' intention to ensure that, at all times, the core cost of the Executive Management Team is fully funded and that new projects are undertaken only where there is sufficient specific additional funding available to cover related costs.

The Trust currently has negative reserves which have been funded by a loan from Professor and Mrs Head, details of which is given in note 16 to the accounts. The capital is repayable by agreement either in full or part subject to the Trust having sufficient funding to do so. Without the support of this loan it is doubtful that the Trust could continue operating. The trustees have confirmation from Professor and Mrs Head that they will continue to support the Trust and will not require the repayment of the loan until funding allows.

the ecological sequestration trust
Trustees report (incorporating a Directors report) continued
for the year ended 31 March 2022

Trustees' responsibilities

The Trustees, who are also the directors of the company for the purposes of company law, are responsible for preparing the Annual Report and the Financial Statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice). Company law requires the Board of Directors/Trustees to prepare financial statements for each financial period that give a true and fair view of the state of affairs of the Charitable Company as at the balance sheet date, and of its incoming resources and application of resources, including income and expenditure, for the financial period. In preparing these financial statements, the Board of Directors/Trustees are required to:

- select suitable accounting procedures and apply them consistently,
- observe the methods that are reasonable and prudent,
- state whether applicable UK accounting standards and statements of recommended practice have been followed subject to any material departures disclosed and fully explained in the financial statements, and
- prepare the financial statements on the 'going concern' basis unless it is inappropriate to presume that the charity will continue in operation.

The Board of Directors/Trustees are responsible for maintaining proper accounting records that disclose with reasonable accuracy at any time the financial position of the Charitable Company, and enable them to ensure the financial statements comply with the Companies Act 2006. The Board of Directors/Trustees are also responsible for safeguarding the assets of the Charitable Company and hence for taking reasonable steps to prevent fraud and other irregularities.

In accordance with company law, the Charitable Company's Trustees and Directors who held office at the date of the approval of this Trustees' Report certify that as Directors of the Charitable Company they have taken all the steps that they ought to have taken in order to make themselves aware of any relevant information.

This report is prepared in accordance with the accounting policies set out on pages 15, 16 and 17 of the attached financial statements and comply with the charitable company's memorandum and articles of association, applicable laws and the requirements of the Statement of Recommended Practice applicable to charities preparing their financial statements in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102).

This report was approved by the Board of Trustees and signed on their behalf by:



Professor Peter Head
Company Director/Trustee

Date: 14 November 2022

the ecological sequestration trust
**Statement of financial activities (incorporating an income and
expenditure account)**
for the year ended 31 March 2022

		2022	2021
		Total	Total
		funds	funds
		£	£
Incoming resources			
Donations		171,503	189,050
Charitable activities	3	73,723	-
Other trading activities	4	21,513	24,690
<hr/>			
Total incoming resources		266,739	213,740
Expenditure on			
Charitable activities	5	(318,738)	(115,322)
Governance costs	6	(750)	(750)
Interest paid		-	-
<hr/>			
		(319,488)	(116,072)
Net movement in funds, being net income/ (expenditure) for the year		(52,749)	97,668
Total funds brought forward		(643,021)	(740,689)
<hr/>			
Fund balance at 31 March		(695,770)	(643,021)

There were no recognised gains or losses other than those stated above.

The notes on pages 15 to 21 form an integral part of these accounts.

All activities relate to continuing operations.

the ecological sequestration trust

Balance sheet

as at 31 March 2022

Company No. 07611969

	Notes	2022 £	2021 £
Fixed assets	9	2,149	1,750
Current assets			
Investments	10	2	2
Debtors	11	6,024	147,825
Cash in bank and in hand		6,508	7,347
		12,534	155,174
Creditors: amounts falling due within 1 year			
Trade and other payables	12	(461,953)	(473,695)
Net current liabilities		(449,419)	(318,521)
Total assets less current liabilities		(447,270)	(316,771)
Creditors: amounts falling due in more than 1 year			
Loans payable	13	(248,500)	(326,250)
Net liabilities		(695,770)	(643,021)
Total assets			
Funds			
Unrestricted funds		(695,770)	(643,021)
Total funds		(695,770)	(643,021)

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

For the year ending 31 March 2022 the company was entitled to exemption from audit under section 477 of the Companies Act ("the Act") relating to small companies.

Directors' responsibilities:

- The members have not required the company to obtain an audit of its accounts for the year in question in accordance with section 476 of the Act;
- The directors acknowledge their responsibilities for complying with the requirements of the Act with respect to accounting records and the preparation of accounts.

The financial statements were approved and authorised by the Board.

Signed on behalf of the Board of Trustees:



Professor Peter Head
Company Director/Trustee
Date: 14 November 2022

the ecological sequestration trust

Balance sheet

as at 31 March 2022

Company No. 07611969

The notes on pages 15 to 21 form an integral part of these accounts

	Notes	2022 £	2021 £
Cash flow from operating activities	14	1,072	(1,549)
Cash flow from investing activities			
Purchase of fixed assets		(1,911)	(2,625)
Sale of fixed assets		-	621
Cash flow from financing activities			
Interest paid		-	-
Net (decrease)/increase in cash and cash equivalents		(839)	(3,553)
Cash and cash equivalents at the start of period		7,347	10,900
Cash and cash equivalents at the end of period		6,508	7,347

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2022

1. Accounting policies

The principal accounting policies adopted in the preparation of these financial statements are set out below.

1.1 Basis of preparation

The financial statements have been prepared under the historical cost convention and in accordance with UK Generally Accepted Accounting Practice, the Companies Act 2006 and “The Financial Reporting Standard applicable in the UK and Republic of Ireland” (“FRS 102”) and “Accounting and Reporting by Charities: Statement of Recommended Practice” applicable to charities applying FRS102 (“SORP”).

The Ecological Sequestration Trust meets the definition of a public benefit entity under FRS102. Assets and liabilities are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy note(s).

1.2 Preparation of accounts on a going concern basis

The trustees have confirmation from Professor and Mrs Head that they will continue to support the Trust and will not require the repayment of the loan until funding allows. The trustees are of the view that this ongoing support by Professor and Mrs Head as well as prospective funding sources have secured the immediate future of the Trust for the next 12 to 18 months and that on this basis the assessment of the trustees is that the charity is a going concern.

1.3 Income recognition

Income from charitable activities: Income is recognised over the period that the service is provided.

Voluntary income: Patron and donor income is recognised when the income is received.

Grants received for specific purposes are allocated against the expenditure to which they relate within restricted funds.

Investment income: Investment income is recognised when the income is receivable.

1.4 Foreign currencies

Transactions in foreign currencies are initially recorded at the rates of exchange prevailing on the dates of the transactions. Monetary assets and liabilities denominated in such currencies are retranslated at the rates prevailing on the balance sheet date. Profits and losses arising on exchange are included in the net profit or loss for the year.

1.5 Taxation

The company is considered to pass the tests set out in Paragraph 1 Schedule 6 of the Finance Act 2010 and therefore it meets the definition of a charitable company for UK corporation tax purposes. Accordingly, the company is not liable to income tax or corporation tax derived from its charitable activities.

1.6 Grants payable

Grants payable represent amounts awarded by the charity during the year for charitable purposes. Grants payable are shown under creditors in the balance sheet and represent the full liability to pay grants to recipients over the full duration of their research projects. The grants are recognised as being payable once the recipient has met the conditions for receipt and the grant has been minuted at the trustees' meeting.

1.7 Fixed assets and depreciation

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2022

Assets are included at cost and are capitalised where the cost exceeds £500. Depreciation is provided on all tangible fixed assets in use at rates calculated to write off the cost or valuation, less estimated residual value, of each asset over its expected useful life, as follows:

Computer equipment - straight line over 3 years

1.8 Expenditure

All expenditure is accounted for on an accruals basis and has been classified under headings that aggregate all costs related to the category. Charitable expenditure includes all expenditure directly relating to the objects of the Charitable Company, primarily sub-grant expenditure, and is allocated on an actual cost basis. Governance costs are those costs incurred for the compliance with constitutional and statutory requirements, and are allocated on an actual cost basis.

Support costs are those functions that assist the work of the charity but do not directly undertake charitable activities. Support costs include back office costs, finance and governance costs which support the Trusts activities. The bases on which support costs have been allocated are set out in note 5.

1.9 Investments

Investments held as fixed assets are shown at cost less provision for impairment

1.10 Debtors

Trade and other debtors are recognised at the settlement amount due after any trade discount offered. Prepayments are valued at the amount prepaid, net of any trade discounts due. Accrued income and tax recoverable is included at the best estimate of the amounts receivable at the balance sheet date.

1.11 Cash at bank and in hand

Cash at bank and in hand includes cash and short term highly liquid investments with a short maturity of three months or less from the date of acquisition or opening of the deposit or similar account.

1.12 Creditors

Creditors are recognised where the charity has a present obligation resulting from a past event that will probably result in the transfer of funds to a third party and the amount due to settle the obligation can be measured or estimated reliably. Creditors and provisions are normally recognised at their settlement amount after allowing for any trade discounts due.

1.13 Financial instruments

Financial assets and liabilities are recognised when the charity becomes a party to the contractual provisions of the instrument. All financial assets and liabilities are initially measured at transaction price (including transaction costs).

The charity only has financial assets and financial liabilities of a kind that qualify as basic financial instruments. Basic financial instruments are initially recognised at transaction value and subsequently measured at their settlement value.

1.14 Unrestricted Funds

Unrestricted funds are funds available for use in accordance with the charitable objectives.

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2022

2. Critical accounting estimates and areas of judgement

In the application of the charity's accounting policies, the trustees are required to make judgements, estimates and assumptions about the carrying amount of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised, if the revision affects only that period, or in the period of the revision and future periods if the revision affects both current and future periods.

There are no critical accounting estimates to declare.

3. Income from charitable activities

	2022	2021
	Total	Total
	£	£
Grant funding	73,723	-

All income from charitable activities is unrestricted.

4. Income from other trading activities

	2022	2021
	Total	Total
	£	£
CJRS grants	21,263	24,536
Profit on sale of fixed assets	-	154
Other	250	-
Total	21,513	24,690

All income from other trading activities is unrestricted.

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2022

5. Resources expended – Charitable activities

	2022	2022	2022
	Direct costs	Support costs	Total
	£	£	£
Grants awarded	163,250	-	163,250
Employment costs	144,367	-	144,367
Consultancy costs	-	-	-
Insurances	-	2,341	2,341
Travel and subsistence	1,507	-	1,507
Printing and stationery	180	-	180
Computer expenses	-	3,523	3,523
Other office costs	1,917	250	1,970
Depreciation	1,512	-	1,512
Exchange losses on revaluation	(109)	-	(109)
	312,624	6,114	318,738

	2021	2021	2021
	Direct costs	Support costs	Total
	£	£	£
Employment costs	105,931	-	105,931
Consultancy costs	1,631	133	1,764
Insurances	-	2,221	2,221
Travel and subsistence	129	-	129
Printing and stationery	13	-	13
Computer expenses	-	2,483	2,482
Other office costs	1,211	250	1,461
Depreciation	875	-	875
Exchange losses on revaluation	445	-	445
	110,235	5,087	115,322

All resources expended are from unrestricted funds.

6. Governance costs

	2022	2021
	Total	Total
	£	£
Independent examiners fee	750	750

7. Net incoming resources/(resources expended)

This is stated after charging:

	2022	2021
	£	£
Depreciation of tangible fixed assets – owned by the Trust	1,512	875
Independent examiners fee	750	750
Interest	-	-

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2022

8. Staff costs

	2022	2021
	£	£
Salaries	131,921	95,274
Social security costs	9,647	8,558
Pension costs	2,799	2,099
Total	144,367	105,931

Full time equivalent employees	2	2
--------------------------------	---	---

No employee has employee benefits in excess of £60,000 (2021: NIL).

The key management personnel of the Trust comprise the Trustees and members of the senior management. The total employee benefits of the key management personnel of the Trust were £49,556 (2021: £48,036).

9. Fixed assets

Computer equipment	2022
	£
Cost	
At 1 April 2021	4,895
Additions	1,911
Disposals	-
At 31 March 2022	6,806
Accumulated depreciation	
At 1 April 2021	3,145
Disposals	-
Charge for the year	1,512
At 31 March 2022	4,657
Net book value	
At 1 April 2021	1,750
At 31 March 2022	2,149

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2022

10. Investments

	2022
	£
Cost	
At 1 April 2021	2
Additions	-
Disposals	-
At 31 March 2022	<u>2</u>
Net book value	
At 1 April 2021	2
At 31 March 2022	<u>2</u>

Subsidiary undertakings

The following were subsidiary undertakings of the company:

Name	Class of shares	Holding
The Ecological Sequestration Trust (Trading) Limited	Ordinary	100%
Resilience Brokers Limited	Ordinary	100%

11. Debtors

	2022	2021
	£	£
Amounts owed from group undertakings	6,024	147,825

12. Creditors: amounts falling due within 1 year

	2022	2021
	£	£
Trade creditors	73,821	73,189
Accruals	334,273	334,235
Taxation and social security	-	-
Other creditors (note 16)	53,859	66,271
Total	<u>461,953</u>	<u>473,695</u>

13. Creditors: amounts falling due in more than 1 year

	2022	2021
	£	£
Loans payable	248,500	326,250

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2022

14. Reconciliation of net (expenditure)/income to net cash flow from operating activities

	2022	2021
	£	£
Net income / (expenditure) for year	(52,749)	97,668
Interest payable	-	-
Depreciation and impairment of tangible fixed assets	1,512	875
Profit on sale of fixed asset	-	(154)
(Increase) in debtors	141,801	(32,158)
(Decrease)/increase in creditors	(89,492)	(67,780)
Net cash flow from operating activities	1,072	(1,549)

15. Trustee remuneration

No trustees received nor waived any remuneration or expenses during the year (2021: £NIL).
No trustees received any reimbursement for expenses incurred during the year (2021: £NIL).

16 Related party transactions

Professor P Head is the chairman of the Trust. At the year end, the charity had loans outstanding to Professor P Head and Mrs S Head totalling £296,500 (2021: £391,500) of which £48,000 is current (2021: £65,250)

The loan capital is repayable by agreement either in full or part subject to the Trust having sufficient funding to do so.

THE ECOLOGICAL SEQUESTRATION TRUST

England & Wales - Charity number 1143397

Accounts



Report and Accounts

Year ended 31 March 2021

www.ecosequestrust.org

Company number: 07611969

Registered Charity: 1143397

the ecological sequestration trust

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the ecological sequestration trust

Company information

for the year ended 31 March 2021

Chair Professor Peter Head CBE FREng FRSA

Trustees Professor Nilay Shah
Risa Goldstein
Barbara Ryan
Robin Stott

The Ecological Sequestration Trust is a charitable company limited by guarantee registered in England and Wales

Company number: 07611969

Registered Charity number: 1143397

Registered Office 86-90 Paul Street
London
EC2A 4NE

the ecological sequestration trust

Independent examiner's report

for the year ended 31 March 2021

Independent examiner's report to the trustees of The Ecological Sequestration Trust

I report on the financial statements of the company for the year ended 31 March 2021 which are set out on pages 12 to 21.

Responsibilities and basis of report

As the trustees of the charitable company (and also its directors for the purposes of company law) you are responsible for the preparation of the financial statements in accordance with the requirements of the Companies Act 2006 ('the 2006 Act').

Having satisfied myself that the financial statements of the charitable company are not required to be audited under Part 16 of the 2006 Act and are eligible for independent examination, I report in respect of my examination of your charity's financial statements as carried out under section 145 of the Charities Act 2011 ('the 2011 Act'). In carrying out my examination I have followed the Directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

Independent examiner's statement

Since the charity's gross income exceeded £250,000 your examiner must be a member of a body listed in section 145 of the 2011 Act. I confirm that I am qualified to undertake the examination because I am a member of the Association of Certified Chartered Accountants, which is one of the listed bodies.

I have completed my examination. I confirm that no matters have come to my attention in connection with my examination giving me cause to believe:

- ◆ accounting records were not kept in respect of the charitable company as required by section 386 of the 2006 Act; or
- ◆ the financial statements do not accord with those records; or
- ◆ the financial statements do not comply with the accounting requirements of section 396 of the 2006 Act other than any requirement that the financial statements give a 'true and fair view' which is not a matter considered as part of an independent examination; or
- ◆ the financial statements have not been prepared in accordance with the methods and principles of the for "Accounting and Reporting by Charities: the Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (effective 1 January 2015)."

the ecological sequestration trust
Independent examiner's report
for the year ended 31 March 2021

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.

In reaching my conclusion on the financial statements, I have considered the adequacy of the disclosures in note 1.2 to the financial statements concerning the charitable company's ability to continue as a going concern. The Trustees have confirmed that continual support will be available from Professor and Mrs Head and expect that current and futures sources of funding will be adequate for the company's needs.



Wendy Smith
Independent Examiner
Date: 8 July 2021

the ecological sequestration trust

Trustees report (incorporating a Directors report)

for the year ended 31 March 2021

Objectives and achievements 2020-2021

Our objectives

To attract the talent and expertise to establish and run the Trust, alongside a wider multidisciplinary advisory network.

To identify and attract major sponsorship to fund the work of the Trust and implement our strategic aims.

To develop an open source agent-based integrated urban-rural design model (resilience.io) to represent actual and proposed economics and resource flows and transformations for regional decision-making support to achieve the Global Goals.

Our achievements

We have continued to attract high profile expertise to act as Trustees and Advisory Board members. We have established a global research group to look at post covid-19 green and just recoveries with 200 expert members.

Our major sponsorship efforts have not been successful. We have, however, built the Resilience Brokers delivery arm into a viable business providing services aligned to our strategic aims and basic stability to the team which is enabling the group to build new partnerships and opportunities.

Our opportunities to build on the prototype urban-rural design model have been limited for this year. We have continued to develop expertise and applications of systems thinking in city-region settings which is allowing us to build knowledge and expertise to support future developments in this area.

Objectives 2021 – 2022

Our objectives for 2021-2022 are:

- To grow the Resilience Brokers business to demonstrate using systems thinking and collaborative approaches to unlock value and to improve the climate resilience of places;
- to identify and attract major grants and sponsorship to fund the work of the Trust and implement our strategic aims;
- to further develop, test and demonstrate tools, including resilience.io for systems thinking and collaboration to support more climate compatible, just and healthy decisions in cities and regions;
- to grow a network of networks and initiatives to rapidly convene expertise and resources for working towards achieving our strategic aims.

the ecological sequestration trust

Trustees report (incorporating a Directors report) continued

for the year ended 31 March 2021

Strategic aims 2021 - 2026

The Trust is working to a five-year programme, with the following strategic objectives:

- **To establish city-region demonstrators of regenerative integrated planning around the world.** For each of these, to develop a portfolio of collaboration, technology integration and infrastructure projects involving global and local partners.
- **To further develop, test and deploy tools for collaboration and systems thinking to support integrated planning in city regions** in order to develop practical deliverable scenarios for low carbon, healthy, just and resilient urban development.
- **To further develop a global network of networks and initiatives, bringing talent and expertise together** so as to rapidly deploy together with resources to support climate compatible impact.

Structure, governance and management

Governing document and constitution

The Ecological Sequestration Trust is a charitable company limited by guarantee No. 07611969, incorporated under and governed by its Memorandum and Articles of Association. The Ecological Sequestration Trust was registered with the Charity Commission as a charity in England and Wales on 21 April 2011, No. 1143397. The administrative details of the charitable company are detailed on page 3 for the year ended 31 March 2021.

Objects

The objects of the Charity, as set out in the Articles of Association, are:

the conservation of the natural environment for the public benefit by promoting the reduction of greenhouse gases, particularly (without limitation) by developing and advancing carbon sequestration methods to reduce carbon dioxide levels in the atmosphere; and

to promote and carry out for the public benefit research into climate change and methods to reduce climate change, and to publish and widely disseminate the results of such research.

Public benefit

The Trustees have referred to the guidance in the Charity Commission's general guidance on Public Benefit when reviewing our aims and objectives and in planning our future activities. In particular, the planned activities will have a direct and positive benefit for individuals, communities and economies through the improved utilisation of scarce resources and resulting reduction in damage to the natural environment.

Recruitment and appointment of Trustees

The Trustees are listed on pages 8 and 9 and constitute the Board that manages the company. Trustees are recruited according to a range of skills and experience required to ensure the organisation's objectives are achieved. The minimum number of Board members is two. One third of trustees must retire at each annual general meeting, but are all eligible for re-election. Normally, Trustees may serve a maximum of three years at which point they must take a break from office. This rule may be disapplied by a unanimous resolution of the Trustees.

Induction and training of Trustees

Newly appointed Trustees are provided with an information pack detailing the Charity's work, its partnerships and its current policies. A programme of meetings is set up for new Trustees with the Chair and key members of staff.

the ecological sequestration trust

Trustees report (incorporating a Directors report) continued

for the year ended 31 March 2021

Organisational structure and decision making

The Board is responsible for the policy and strategy of The Ecological Sequestration Trust, ensuring the long-term sustainability of the organisation along with its financial and legal probity. It is also responsible for the appointment of Trustees. The Executive Management Team is responsible for implementing policies and strategies that have been approved by the Board, and for progressing organisational objectives.

The Board aims to meet quarterly and receives financial and operational reports from the Executive Management Team.

Risk management

The Board and Executive Management Team continually examine the principal areas of the Charity's operations and it regularly considers the major risks that may arise in each of these areas. Under normal conditions, the established resources and systems should allow the risks identified to be mitigated to an acceptable level in day-to-day operations. In view of the difficult economic climate, and in recognition of the early start-up period of the Trust, the monitoring of financial risk has been an area of continued focus in the year of review. The Executive Management Team has been monitoring carefully the financial outcome of initiatives undertaken during the year. It has done this in the knowledge that reserve funds need to increase in line with the Charity's reserves policy. This is an area that will continue to be monitored carefully in light of future plans.

The Trustees (who are also the Directors for Company law) are:

Prof. Nilay Shah

Professor Nilay Shah is Head of Department of Chemical Engineering and Director of the Centre for Process Systems Engineering at Imperial College London. He has co-authored over 200 technical papers on energy systems modelling and engineering, bio-energy systems, hydrogen infrastructures, supply chain modelling, process optimisation, biochemical process design, and plant safety. He has developed an optimisation-based design methodology for a variety of energy systems with strong spatial and temporal aspects.

Nilay has received a number of awards including the IChemE Junior Moulton Medal (1996), an RAEng/ICI Engineering Fellowship (1997-2001), the Royal Society of Chemistry Beilby Medal and Prize (2005), the Imperial College Rector's Award for Research Excellence (2006), RAEng MacRobert Award (2007) and Imperial College Engineering Teaching Excellence Award (2009). He was awarded an OBE for services to decarbonising the economy in 2021.

the ecological sequestration trust
Trustees report (incorporating a Directors report) continued
for the year ended 31 March 2021

Risa Goldstein Risa Goldstein has been a licensed architect & planner for over 30 years. For 7 of them she was land development executive for a partnership of 3 major east coast entities, overseeing redevelopment of NYC and NJ sites including the MOTBY Peninsula in New Jersey – the largest undeveloped site in New York Harbour. On the private side of public-private partnerships, she has helped plan communities encompassing luxury residential, affordable housing, retail, hotel, office, cruise-ship harbour and green space uses, plus new road and public transportation systems, on a site subject to sea level rise. Risa is committed to combining resiliency and sustainability planning with urban design. Now, drawing on knowledge of what motivates the private sector, she leads planning initiatives for public clients and has served on zoning and planning boards for a combined 20 years. She holds a BA in Design of the Environment, and a Masters in Architecture from the University of Pennsylvania.

Barbara Ryan Barbara J. Ryan, was the Secretariat Director of the Intergovernmental Group on Earth Observations (GEO) in Geneva, Switzerland to 2018. GEO is comprised of nearly 100 Member States, the European Commission, and 90 international scientific and technical partner organizations. Under Barbara's leadership, millions of satellite images and other earth observation data have been made available to the general public at no charge, allowing scientists, planners and policy makers to make better-informed decisions on problems that transcend political boundaries. Her work addresses critical issues in agriculture, biodiversity, climate change, disaster planning, energy, health and water. Since becoming Director of GEO in 2012, Barbara has worked to integrate earth observation systems from around the world into a single, comprehensive system that uses co-ordinated data to understand how environmental factors impact human life.

Robin Stott Robin Stott is a retired consultant physician with a lifetime interest in developing more socially and economically equal societies, which when created within environmental limits, are optimal precursors for good health. In addition to enjoying his roles as father and grandfather, Robin relishes exercise, which he sees as a magic bullet in the prevention of non-communicable disease. He runs, cycles and practises tai chi regularly, and is a keen amateur astronomer.

the ecological sequestration trust
Trustees report (incorporating a Directors report) continued
for the year ended 31 March 2021

Financial review

Total income

Total income for the period amounted to £213,740 (2020: £265,557).

Total expenditure

Total expenditure for the year amounted to £116,072 (2020: £133,482). Of this expenditure 95% (2020: 95%) was spent on charitable activities and promoting the Charity and the remaining 5% (2020: 5%) on support costs and governance. The Charity generated a net surplus for the year of £97,668 (2020: net surplus of £132,075) which has resulted in a closing unrestricted funds balance of negative £643,021 (2020: £740,689).

Reserves policy and going concern

The Ecological Sequestration Trust aims to achieve a level of unrestricted reserves that will allow it sufficient stability to plan ahead for future ventures, whilst knowing that it can continue its operations and meet its commitments to its staff and others, in the event of an unexpected shortfall in income.

It is the Trustees' intention to ensure that, at all times, the core cost of the Executive Management Team is fully funded and that new projects are undertaken only where there is sufficient specific additional funding available to cover related costs.

The Trust currently has negative reserves which have been funded by a loan from Professor and Mrs Head, details of which is given in note 15 to the accounts. The capital is repayable by agreement either in full or part subject to the Trust having sufficient funding to do so. Without the support of this loan it is doubtful that the Trust could continue operating. The trustees have confirmation from Professor and Mrs Head that they will continue to support the Trust and will not require the repayment of the loan until funding allows.

the ecological sequestration trust
Trustees report (incorporating a Directors report) continued
for the year ended 31 March 2021

Trustees' responsibilities

The Trustees, who are also the directors of the company for the purposes of company law, are responsible for preparing the Annual Report and the Financial Statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice). Company law requires the Board of Directors/Trustees to prepare financial statements for each financial period that give a true and fair view of the state of affairs of the Charitable Company as at the balance sheet date, and of its incoming resources and application of resources, including income and expenditure, for the financial period. In preparing these financial statements, the Board of Directors/Trustees are required to:

- select suitable accounting procedures and apply them consistently,
- observe the methods that are reasonable and prudent,
- state whether applicable UK accounting standards and statements of recommended practice have been followed subject to any material departures disclosed and fully explained in the financial statements, and
- prepare the financial statements on the 'going concern' basis unless it is inappropriate to presume that the charity will continue in operation.

The Board of Directors/Trustees are responsible for maintaining proper accounting records that disclose with reasonable accuracy at any time the financial position of the Charitable Company, and enable them to ensure the financial statements comply with the Companies Act 2006. The Board of Directors/Trustees are also responsible for safeguarding the assets of the Charitable Company and hence for taking reasonable steps to prevent fraud and other irregularities.

In accordance with company law, the Charitable Company's Trustees and Directors who held office at the date of the approval of this Trustees' Report certify that as Directors of the Charitable Company they have taken all the steps that they ought to have taken in order to make themselves aware of any relevant information.

This report is prepared in accordance with the accounting policies set out on pages 15,16 and 17 of the attached financial statements and comply with the charitable company's memorandum and articles of association, applicable laws and the requirements of the Statement of Recommended Practice applicable to charities preparing their financial statements in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102).

This report was approved by the Board of Trustees and signed on their behalf by:



Robin Stott
Company Director/Trustee

Date: 8 July 2021

the ecological sequestration trust
**Statement of financial activities (incorporating an income and
expenditure account)**
for the year ended 31 March 2021

		2021 Total funds £	2020 Total funds £
Incoming resources			
Donations		189,050	263,864
Charitable activities	3	-	418
Other trading activities	4	24,690	1,275
<hr/>			
Total incoming resources		213,740	265,557
Expenditure on			
Charitable activities	5	(115,322)	(132,732)
Governance costs	6	(750)	(750)
Interest paid		-	-
<hr/>			
		(116,072)	(133,482)
Net movement in funds, being net income/ (expenditure) for the year		97,668	132,075
Total funds brought forward		(740,689)	(872,764)
<hr/>			
Fund balance at 31 March		(643,021)	(740,689)

There were no recognised gains or losses other than those stated above.

The notes on pages 15 to 21 form an integral part of these accounts.

All activities relate to continuing operations.

the ecological sequestration trust

Balance sheet

as at 31 March 2021

Company No. 07611969

	Notes	2021 £	2020 £
Fixed assets	9	1,750	-
Current assets			
Investments	10	2	2
Debtors	11	147,825	115,667
Cash in bank and in hand		7,347	10,900
		155,174	126,569
Creditors: amounts falling due within 1 year			
Trade and other payables	12	(473,695)	(455,725)
Net current liabilities		(318,521)	(329,156)
Total assets less current liabilities		(316,771)	(328,689)
Creditors: amounts falling due in more than 1 year			
Loans payable	13	(326,250)	(412,000)
Net liabilities		(643,021)	(740,689)
Total assets			
Funds			
Unrestricted funds		(643,021)	(740,689)
Total funds		(643,021)	(740,689)

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

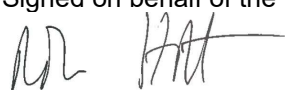
For the year ending 31 March 2021 the company was entitled to exemption from audit under section 477 of the Companies Act ("the Act") relating to small companies.

Directors' responsibilities:

- The members have not required the company to obtain an audit of its accounts for the year in question in accordance with section 476 of the Act;
- The directors acknowledge their responsibilities for complying with the requirements of the Act with respect to accounting records and the preparation of accounts.

The financial statements were approved and authorised by the Board.

Signed on behalf of the Board of Trustees:



Robin Stott
Company Director/Trustee
Date: 08 July 2021

The notes on pages 15 to 21 form an integral part of these accounts

the ecological sequestration trust
Statement of cash flows
for the year ended 31 March 2021

	Notes	2021 £	2020 £
Cash flow from operating activities	14	(1,549)	(7,958)
Cash flow from investing activities			
Purchase of fixed assets		(2,625)	(700)
Sale of fixed assets		621	
Cash flow from financing activities			
Interest paid		-	-
Net (decrease)/increase in cash and cash equivalents		(3,553)	(8,658)
Cash and cash equivalents at the start of period		10,900	19,558
Cash and cash equivalents at the end of period		7,347	10,900

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2021

1. Accounting policies

The principal accounting policies adopted in the preparation of these financial statements are set out below.

1.1 Basis of preparation

The financial statements have been prepared in accordance with Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (effective 1 January 2015) – (Charities SORP (FRS102)), the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) and the Companies Act 2006.

The Ecological Sequestration Trust meets the definition of a public benefit entity under FRS102. Assets and liabilities are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy note(s).

1.2 Preparation of accounts on a going concern basis

The trustees have confirmation from Professor and Mrs Head that they will continue to support the Trust and will not require the repayment of the loan until funding allows. The trustees are of the view that this ongoing support by Professor and Mrs Head as well as prospective funding sources have secured the immediate future of the Trust for the next 12 to 18 months and that on this basis the assessment of the trustees is that the charity is a going concern.

1.3 Income recognition

Income from charitable activities: Income is recognised over the period that the service is provided.

Voluntary income: Patron and donor income is recognised when the income is received.

Grants received for specific purposes are allocated against the expenditure to which they relate within restricted funds.

Investment income: Investment income is recognised when the income is receivable.

1.4 Foreign currencies

Transactions in foreign currencies are initially recorded at the rates of exchange prevailing on the dates of the transactions. Monetary assets and liabilities denominated in such currencies are retranslated at the rates prevailing on the balance sheet date. Profits and losses arising on exchange are included in the net profit or loss for the year.

1.5 Taxation

The company is considered to pass the tests set out in Paragraph 1 Schedule 6 of the Finance Act 2010 and therefore it meets the definition of a charitable company for UK corporation tax purposes. Accordingly, the company is not liable to income tax or corporation tax derived from its charitable activities.

1.6 Grants payable

Grants payable represent amounts awarded by the charity during the year for charitable purposes. Grants payable are shown under creditors in the balance sheet and represent the full liability to pay grants to recipients over the full duration of their research projects. The grants are recognised as being payable once the recipient has met the conditions for receipt and the grant has been minuted at the trustees' meeting.

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2021

1.7 Fixed assets and depreciation

Assets are included at cost and are capitalised where the cost exceeds £500. Depreciation is provided on all tangible fixed assets in use at rates calculated to write off the cost or valuation, less estimated residual value, of each asset over its expected useful life, as follows:

Computer equipment - straight line over 3 years

1.8 Expenditure

All expenditure is accounted for on an accruals basis and has been classified under headings that aggregate all costs related to the category. Charitable expenditure includes all expenditure directly relating to the objects of the Charitable Company, primarily sub-grant expenditure, and is allocated on an actual cost basis. Governance costs are those costs incurred for the compliance with constitutional and statutory requirements, and are allocated on an actual cost basis.

Support costs are those functions that assist the work of the charity but do not directly undertake charitable activities. Support costs include back office costs, finance and governance costs which support the Trusts activities. The bases on which support costs have been allocated are set out in note 5.

1.9 Investments

Investments held as fixed assets are shown at cost less provision for impairment

1.10 Debtors

Trade and other debtors are recognised at the settlement amount due after any trade discount offered. Prepayments are valued at the amount prepaid, net of any trade discounts due. Accrued income and tax recoverable is included at the best estimate of the amounts receivable at the balance sheet date.

1.11 Cash at bank and in hand

Cash at bank and in hand includes cash and short term highly liquid investments with a short maturity of three months or less from the date of acquisition or opening of the deposit or similar account.

1.12 Creditors

Creditors are recognised where the charity has a present obligation resulting from a past event that will probably result in the transfer of funds to a third party and the amount due to settle the obligation can be measured or estimated reliably. Creditors and provisions are normally recognised at their settlement amount after allowing for any trade discounts due.

1.13 Financial instruments

Financial assets and liabilities are recognised when the charity becomes a party to the contractual provisions of the instrument. All financial assets and liabilities are initially measured at transaction price (including transaction costs).

The charity only has financial assets and financial liabilities of a kind that qualify as basic financial instruments. Basic financial instruments are initially recognised at transaction value and subsequently measured at their settlement value.

1.14 Unrestricted Funds

Unrestricted funds are funds available for use in accordance with the charitable objectives.

the ecological sequestration trust

Notes to the financial statements

for the year ended 31 March 2021

2. Critical accounting estimates and areas of judgement

In the application of the charity's accounting policies, the trustees are required to make judgements, estimates and assumptions about the carrying amount of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised, if the revision affects only that period, or in the period of the revision and future periods if the revision affects both current and future periods.

There are no critical accounting estimates to declare.

3. Income from charitable activities

	2021 Total £	2020 Total £
Grant funding	-	418

All income from charitable activities is unrestricted.

4. Income from other trading activities

	2021 Total £	2020 Total £
CJRS grants	24,536	-
Profit on sale of fixed assets	154	-
Reimbursed expenses	-	1,275
Total	24,690	1,275

All income from other trading activities is unrestricted.

the ecological sequestration trust
Notes to the financial statements
for the year ended 31 March 2021

5. Resources expended – Charitable activities

	2021	2021	2021
	Direct costs	Support costs	Total
	£	£	£
Employment costs	105,931	-	105,931
Consultancy costs	1,631	133	1,764
Insurances	-	2,221	2,221
Travel and subsistence	129	-	129
Printing and stationery	13	-	13
Computer expenses	-	2,483	2,482
Other office costs	1,211	250	1,461
Depreciation	875	-	875
Exchange losses on revaluation	445	-	445
	110,235	5,087	115,322

	2020	2020	2020
	Direct costs	Support costs	Total
	£	£	£
Employment costs	104,445	-	104,445
Consultancy costs	-	480	480
Insurances	-	2,412	2,412
Travel and subsistence	12,236	-	12,236
Printing and stationery	198	-	198
Computer expenses	-	2,079	2,079
Other office costs	1,378	1,169	2,547
Depreciation	233	-	233
Exchange losses on revaluation	8,102	-	8,102
	126,592	6,140	132,732

All resources expended are from unrestricted funds.

6. Governance costs

	2021	2020
	Total	Total
	£	£
Independent examiners fee	750	750

7. Net incoming resources/(resources expended)

This is stated after charging:

	2021	2020
	£	£
Depreciation of tangible fixed assets – owned by the Trust	875	233
Independent examiners fee	750	750
Interest	-	-

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8. Staff costs

	2021 £	2020 £
Salaries	95,274	96,794
Social security costs	8,558	6,475
Pension costs	2,099	1,176
Total	105,931	104,445

Full time equivalent employees	2	2
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No employee has employee benefits in excess of £60,000 (2020: NIL).

The key management personnel of the Trust comprise the Trustees and members of the senior management. The total employee benefits of the key management personnel of the Trust were £48,036 (2020: £54,000).

9. Fixed assets

Computer equipment	2021 £
Cost	
At 1 April 2020	2,970
Additions	2,625
Disposals	(700)
At 31 March 2021	2,970
Accumulated depreciation	
At 1 April 2020	2,503
Disposals	(233)
Charge for the year	875
At 31 March 2021	3,145
Net book value	
At 1 April 2020	467
At 31 March 2021	1,750

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10. Investments

	2021
	£
Cost	
At 1 April 2020	2
Additions	-
Disposals	-
At 31 March 2021	<u>2</u>
Net book value	
At 1 April 2020	2
At 31 March 2021	<u>2</u>

Subsidiary undertakings

The following were subsidiary undertakings of the company:

Name	Class of shares	Holding
The Ecological Sequestration Trust (Trading) Limited	Ordinary	100%
Resilience Brokers Limited	Ordinary	100%

11. Debtors

	2021	2020
	£	£
Taxation and social security	-	13
Amounts owed from group undertakings	147,825	115,654
Total	<u>147,825</u>	<u>115,667</u>

12. Creditors: amounts falling due within 1 year

	2021	2020
	£	£
Trade creditors	73,189	73,016
Accruals	334,235	346,571
Taxation and social security	-	138
Other creditors (note 16)	66,271	36,000
Total	<u>473,695</u>	<u>455,725</u>

13. Creditors: amounts falling due in more than 1 year

	2021	2020
	£	£
Loans payable	<u>326,250</u>	<u>412,000</u>

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14. Reconciliation of net (expenditure)/income to net cash flow from operating activities

	2021	2020
	£	£
Net income / (expenditure) for year	97,668	132,075
Interest payable	-	-
Depreciation and impairment of tangible fixed assets	875	233
Profit on sale of fixed asset	(154)	-
(Increase) in debtors	(32,158)	(50,379)
(Decrease)/increase in creditors	(67,780)	(89,887)
Net cash flow from operating activities	(1,549)	(7,958)

15. Trustee remuneration

No trustees received nor waived any remuneration or expenses during the year (2020: £NIL).
No trustees received any reimbursement for expenses incurred during the year (2020: £NIL).

16 Related party transactions

Professor P Head is the chairman of the Trust. At the year end, the charity had loans outstanding to Professor P Head and Mrs S Head totalling £391,500 (2020: £448,000) of which £65,250 is current (2020: £36,000)

The loan capital is repayable by agreement either in full or part subject to the Trust having sufficient funding to do so.