

ANNUAL REPORT AND ACCOUNTS

of the Council of the Institution of Engineering Designers 1 January 2022 to 31 December 2022

THE INSTITUTION OF ENGINEERING DESIGNERS REPORT AND UNAUDITED ACCOUNTS FOR THE YEAR ENDED 31 DECEMBER 2022

LEGAL AND ADMINISTRATIVE INFORMATION

Trustees at as 31 December 2022 DT H Castle IEng RCADMan FIED MBCS CITP (Chair) ^{2,3}

Eurlng C Ledsome BEng MEng CEng FBIS FIMechE FIED(PCh) MCMI

MDS (Immediate Past Chair) 2,4

D Farrell BSc(Hons) MTech CEng CTPD FIED (Vice Chair)

Dr B Watson MDes(Hons) PhD LCGI CEng CEnv CTPD FIED (Vice Chair)

S J Benfield CEng CEnv CTPD FIED(PCh) MAPM ^{2, 3, 4, 5} Professor Kay Bond BEng PhD CEng MIMechE MIED

T N Channell MEng CEng MIED

J Harrison-Furse BA(Hons) EngTech MIED M Lynch BSc(Hons) MSc CEng MIED 5

Dr E Pei BA(Hons) MSc PhD CTPD CEng CEnv FIED

A Penn BSc(Hons) MSc CTPD MIED 3,5

N Phelps IEng MIED MIET 2, 3 J Roberts MEng CEng MIED 5

Professor P J Sewell BEng(Hons) PGCert PhD MIMechE FHEA CEng

FIED 1, 2

E Tarrant BSc(Hons) STEM EngTech RCP MIED

Dr G A L Tizzard BSc MPhil DIC PhD MIEEE CEng MIED FHEA 1, 2

I Treacy BA MSc IEng MIED MIET

Eurlng S P Vaitkevicius BEng(Hons) MSc CEng FIED

R Yuen MEng CEng FIED MICE MAPM

Trustee & Honorary Treasurer A T A Keegan CEng FIED(PCh) ²

¹ Education and Training Committee

² Membership Accreditation Board

³ Membership Committee

⁴ Editorial Committee

⁵ Inclusion, Equity and Diversity Committee

Secretary Mrs E K Meyrick BSc(Hons) FRSA

Charity number 1145678

Principal address Courtleigh

Westbury Leigh Westbury Wiltshire BA13 3TA

Independent Examiner Martin Gurney FCA

Haines Watts

Old Station House, Station Approach

Newport Street

Swindon Wiltshire SN1 3DU

LEGAL AND ADMINISTRATIVE INFORMATION

Bankers Lloyds Bank

37 Market Place Warminster Wiltshire BA12 9BD

Solicitors Thrings LLP

6 Drakes Meadow Penny Lane Swindon Wiltshire SN3 3LL

Accountants Haines Watts

Old Station House Station Approach Newport Street Swindon Wiltshire SN1 3DU

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REPORT

FOR THE YEAR ENDED 31 DECEMBER 2022

The trustees present their report and the financial statements for the year ended 31 December 2022.

The accounts comply with the Charities Act 2011, the charity's governing document and the 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).

Structure, governance and management

a. Constitution

The charity is controlled by its governing document, the Royal Charter, By-laws and Regulations.

The trustees who served during the year were:

Eurlng C Ledsome BEng MEng CEng FBIS FIMechE FIED

MCMI MDS (Immediate Past Chair)

Dr T M B Humphries-Smith BSc PGDip MPhil EdD CEng (Resigned as Councillor 9 July 2022)

CTPD MIED(PCh) FHEA FRSA (Immediate Past

Chair/Councillor)

P K R Bateman EngTech MIED (Vice Chair) (Resigned as Councillor 9 July 2022)

Professor Kay Bond BEng PhD CEng MIMechE MIED (Co-opted 1 December 2022)

(Councillor

D T H Castle IEng RCADMan FIED MBCS CITP (Chair)

N Phelps IEng MIED MIET (Councillor) (Resigned as Vice Chair 9 July 2022)

S J Benfield CEng CEnv CTPD FIED(PCh) (Councillor)

T N Channell MEng CEng MIED (Councillor)

D Farrell BSc(Hons) MTech CEng CTPD FIED (Vice

Chair)

J Harrison-Furse BA(Hons) EngTech MIED (Councillor) (Co-opted 1 December 2022)

ATA Keegan CEng FIED(PCh) (Honorary

Treasurer/Councillor)

M Lynch BSc(Hons) MSc CEng MIED (Councillor)

Dr E Pei BA(Hons) MSc PhD CTPD CEng CEnv FIED

(Councillor)

A Penn BSc(Hons) MSc CTPD MIED (Councillor)

J Roberts MEng CEng MIED (Councillor)

Professor P J Sewell BEng(Hons) PGCert PhD MIMechE

FHEA CEng FIED (Councillor)

E Tarrant BSc(Hons) STEM EngTech RCP MIED (Co-opted 1 December 2022)

(Councillor)

Dr G A L Tizzard BSc MPhil DIC PhD MIEEE CEng MIED

FHEA (Councillor)

I Treacy BA MSc IEng MIED MIET (Councillor)

Eurlng S P Vaitkevicius BEng(Hons) MSc CEng FIED

(Councillor)

Dr B Watson MDes(Hons) PhD LCGI CEng CEnv CTPD

FIED (Vice Chair)

R Yuen MEng CEng FIED MICE MAPM (Councillor)

REPORT (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2022

b. Method of appointment or election of Trustees

The Officers of Council - Chair and Vice Chairs - are elected annually by the Council. An election to Council is held annually in which up to one third of Council are obliged to stand down. They may be re-nominated by Council. Any three Corporate Members may also nominate a qualifying Corporate Member. A postal ballot of all Corporate Members is held where the total number of nominations exceeds the number of vacancies.

The appointment of officers and election of Council is governed by By-laws 40 to 46 of the Institution's governing document. The Honorary Treasurer shall be elected to the post annually by Council.

c. Policies adopted for the induction and training of Trustees

New members of Council are inducted with the appropriate NCVO guidelines.

d. Organisational structure and decision making

Organisation and Structure

To ensure the efficient use of the elected Councillors a Board and Committee structure is in place which involves the commitment of as many of the elected Councillors as possible in the ongoing affairs of the Institution. A small permanent staff headed by the Secretary is employed by Council to deal with the day-to-day administration of the membership, Engineering Council registration matters, the publication of the Institution's magazine Engineering Designer, financial matters and the administration and organisation of its course and conference activities.

Events since the end of the period

Information relating to events since the end of the period is given in the notes to the financial statements.

Staff

As the financial year closed the Institution employed three full-time and three part-time members of staff, including the Secretary. Mr David Osborne - Accounts Officer, Mrs Linda Parry — Membership Officer, Mrs Nadine Pearce - PA to the Secretary, Mrs Jo Winslow - Education and Training Officer and Mrs Denise Watson - Administrative Assistant, continue to give the Institution invaluable service.

The Secretary's remuneration is set at annual review by the Trustees.

Wider network

At present the Institution does not consider itself to be part of a wider network.

Engineering Council/EngineeringUK

The Institution's relationships with the Engineering Council and EngineeringUK remain the most important of all its relationships with other charities and organisations. The Institution continues to work closely with both bodies, Mr Neil Phelps represents the Group B college on the Engineering Council Board and other members of Council represented the IED as Liaison Officers and on the Engineering Council's Quality Assurance Committee (QAC).

The Design Society

The Design Society is an international body dedicated to promoting the best in design practice and education. The Institution has co-operated with the Society in the past and the two bodies again came together to collaborate during 2022 as partners in the very successful Engineering and Product Design Education Conference, hosted by London South Bank University.

The Royal Academy of Engineering

The IED continues to work to the Diversity Concordat, with a view to working towards encouraging membership from a wider range of backgrounds. The Secretary also sits on the 'Professional Engineering Committee' administered by the Academy and the Academy's National Engineering Policy Centre. In addition, members of the IED contributed to reports drawn up by the Academy during the year and the Secretary continued to Chair the EECG (Engineering Ethics Coordination Group), an ongoing project overseeing the implementation of the recommendations of a report into ethics in engineering.

REPORT (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2022

The Society for the Environment

The Institution has a licence to award Chartered Environmentalist (CEnv) and Registered Environmental Practitioner (REnvP) status to suitably qualified and experienced members. The Secretary and a volunteer member continue to serve on the Council and Registration Authority of the Society.

e. Risk management

The trustees have a duty to identify and review the risks to which the charity is exposed and to ensure appropriate controls are in place to provide reasonable assurance against fraud and error. Key risks include: loss of licences from Engineering Council and Society for the Environment, loss of key members of staff, loss of tenants at Courtleigh, lack of income from sponsors, seminars or registrations, fire or flood. These and other risks are included on a risk register, with mitigation, actions, response and responsibilities allocated accordingly.

Objectives and activities

a. Policies and objectives

Mission Statement

We work to inspire, develop and promote professionals working in engineering and product design. Setting standards and competencies for our members who advance and progress society by providing technical products and solutions.

Objects

The main objects of the Institution are to:

- Advance education in Engineering and Technological Product Design and, more particularly, the species of knowledge and application which distinguishes Engineering Design, and the profession directly concerned with Engineering Design:
- Constitute a body of members qualified to a generally recognised high standard

We review our aims, objectives and activities each year. This review looks at what we achieved and the outcomes of our work in the previous 12 months. The review looks at the success of each key activity and the benefits they have brought to those groups of people we are set up to help. We have referred to the guidance contained in the Charity Commission's general guidance on public benefit when reviewing our aims and objectives and in planning our future activities.

Notes:

1. The remaining supporting objects are printed in the Royal Charter of the Institution, a copy of which is available on request from the Institution's Headquarters tel: +44 (0) 1373 822801, email ied@ied.org.uk and on the website www.ied.org.uk.

b. Strategies for achieving objectives

Strategy

The Institution's Strategy Document is updated on an annual basis following review by the Council. This document provides the basis from which the objectives in the Mission Statement are developed for the furtherance of the Institution. A new five-year strategy was launched at the end of 2022.

Risk review

The Council has conducted its own review of the major risks to which the charity is exposed and systems have been established to mitigate those risks. Significant external risks to income have led to the development of a strategic plan.

REPORT (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2022

c. Activities for achieving objectives Significant activities

The following projects were progressed:

- Project Courtleigh, an initiative aimed at utilising the asset that is the IED HQ, has moved forward and will
 hopefully come to fruition in 2023.
- A new strategy was developed, to take the Institution through the next five years.
- A new Inclusion, Equity and Diversity Committee was developed, with the aim of attracting a wider range of membership.
- 'Project IED' was rolled out a group of initiatives aimed at a number of outcomes, including widening membership, improving communications, providing a greater range of membership services and looking at non-membership revenue. A group of Trustees are steering these various projects which will help the IED become the Institution of the future.
- Launch of revised standards and practices for professional registration and course accreditations in CAD and Product Design.

d. Volunteers

Other than trustees, assessors and committee members the Institution does not rely on volunteers.

Achievements and performance

a. Review of activities General Progress

Objectives

The main objective for 2022 was to continue to provide membership and registration services and support to IED members. The development and delivery of a new website, magazine and wider communications plus the delivery of online assessments and course accreditations and the confirmation of the Project IED initiative were all achieved.

Membership

The fluctuations in membership over the period covered by this report are as follows:

	Dec 2022	Dec 2021
Fellows	162	161
Members	1,273	1,334
Students (including OU)	2,401	2,346
Affiliates	16	20
Total	3,852	3,861

Efforts are being made to attract more Member grade professionals to replace those coming to the end of their careers but numbers remain fairly constant overall.

REPORT (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2022

Continuing Professional Development

The 'MyCareerPath' CPD scheme run by the Engineering Council has been available to IED Members since 2013 with all new members encouraged to enrol. The competencies for MIED, CEnv, CTPD and RProdDes have been uploaded to the system. The Engineering Council have introduced mandatory CPD monitoring for all PEIs. The IED developed a monitoring and feedback process to meet this requirement which was further refined in 2022. 10% of registrants were randomly sampled and asked to provide up-to-date CPD records for the previous 12 months, of these 10% were reviewed by the Membership Committee and feedback given to responders.

Publications

A further four issues of *Engineering Designer* were published during the period covered by the report. Once again the policy has been to publish as many articles written by members as possible covering a wide range of subjects. In addition to automatic circulation to its members the magazine remains available by subscription and is circulated free-of-charge to a number of educational establishments. The publication is available electronically to all members including those who live internationally and non-paying students. In addition to the four printed copies there were also 12 monthly publications, available online to members and the wider public.

Charitable activities

The following activities took place:

Virtual accreditation visits were carried out at universities and colleges in the UK. The purpose of these visits is to
assess the standards of design courses, in terms of content, delivery, staff development, student attainment,
resources, support and industry satisfaction.

The IED works with a number of other bodies to further the promotion and development of Engineering and Design:

- Five IED members volunteer for various BSi Committees advising on the development of relevant standards.
- The Secretary represents the IED on the Professional Engineering Committee, a body which encompasses the Royal
 Academy of Engineering, Engineering Council, EngineeringUK and all UK PEIs, providing a port-of-call for
 government regarding engineering policy consultation as well as being an active body promoting engineering
 excellence and awareness to the general public.
- The Secretary continued to Chair the EECG (Engineering Ethics Coordination Group), an ongoing project overseeing the implementation of the recommendations of a report into ethics in engineering as drawn up by the Royal Academy of Engineering and the Engineering Council.
- Volunteer members also sit on the QAC and RSC Committees at the Engineering Council, the EAB and Council and RSA of the Society for the Environment.

Other Activities

The Institution either ran or participated in the following events during the year:

- The Institution again joined forces with the Design Society in 2022 to run a joint Engineering and Product Design Conference, with the theme of DIRT: Disrupt, Innovate, Regenerate and Transform. The conference was a two-day virtual event hosted by London South Bank University, where a total of 125 papers were presented. The event was a great success with 164 attendees.
- The IED continued working with IOM3, RCA, the Crafts Council and independent advisors on MaDE (Materials and Design Exchange), part of the materials knowledge transfer network. The group's aim is to increase and encourage communications between designers and materials scientists.
- The IED also worked with a number of colleges and universities during 2022 to accredit their educational programmes. Panels of volunteer assessors, accompanied by the IED Secretariat, carried out 7 accreditation visits during the year, with 36 courses accredited.
- The IED supported the annual Engineering Design Show, with a stand at the event held in Coventry on 12 and 13 October
- The IED also help co-ordinate M+E Week, which culminated in the Engineering Expo at the NEC on 8 and 9 June.
- The Institution also supported the inaugural 'Westbury Soapbox Derby' held in the IED's home town, aimed at attracting young people into careers in STEM.

REPORT (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2022

Awards and Prizes

The Institution continued to run the IED Prize aimed at accredited Degree and HNC/D graduates. Twenty-three Individual Prizes were awarded during the year. In each case the nominated student/graduate had to show that he or she had attained outstanding results on their chosen course, with particular reference to the design related subjects within the course.

The Institution's annual awards have been presented remotely, the winners being:

The Institution's most prestigious design award, the Gerald Frewer Memorial Trophy was awarded to Professor Chris McMahon for his work in supporting and promoting engineering design, practice and education.

The Hornsby Cup, given for the best article published in the Institution's magazine during the previous year, was awarded to Toby Clarke for his article 'Virtual Reality' which appeared in the January 2021 issue.

The Chair's Award was presented to Dr Chris Dowlen for his work on the revision of the standards for Project Design registration.

Three medals of appreciation were awarded:

- Mr Phil Bateman, for his services as a member of Council
- Dr Tania Humphries-Smith, for her services as a member of Council
- Professor Deborah Andrews for stepping in at short notice to host the E&PDE2022 conference plus her contributions to the work of the IED as an active member over the last ten years.

The Promotion of Design Award is presented to an individual or team for their work in promoting engineering design to a wider audience. The Award for 2022 was presented to Dr Shini Somara, for her work in promotion of design via TV, radio, podcasts and books.

The Geoff Kirk Young Members Award is aimed at recognising promising new members starting on a career in engineering design. The 2022 winner was Laura Read.

The Kathbert Trophy, awarded to the most promising new member, was also awarded to Laura Read.

The Alex Moulton Award is awarded to recognise outstanding innovation. The 2022 award was presented to Brompton Bicycle Ltd for their work on the T-frame titanium folding bicycle.

The Founders Award was presented to Pete Lomas in recognition of his service as President of Council.

The Hills Millennium Award was made to Mark Rober.

A celebration of the awards was held at the National Space Centre in Leicester on 9 July, with full details in the October issue of *Engineering Designer*.

Branches

The Institution supports thirteen branches across the UK plus one overseas branches in Malta.

Volunteers

The Institution continues to rely heavily on member volunteers to assist in its activities, particularly in the following areas:

- Membership Committee in addition to the Council-appointed Chair and other Council members listed earlier in the report there are other member volunteers who give of their time to assess new membership applications and Technical Report Option Synopsis. Meetings are normally held on the third Wednesday in every month.
- Education and Training Committee in addition to the Council appointed Chair and other Council members as listed
 there are member volunteers who gave their time to consider education and training issues effecting engineering
 and product design and to assess nominations for the Institution's Awards Schemes. The Committee meets six
 times per year.
- Inclusion, Equity and Diversity Committee five members of the Institution work together to address issues of
 equity, diversity and inclusion within the Institution and the wider design community.

REPORT (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2022

• Course Accreditations - the Education and Training Officer keeps a database of trained and experienced members to assist with accreditation of academic courses in engineering and product design.

The volunteers have all adapted to remote working and continue to give excellence service.

The membership database contains details of those members who have agreed to undertake interviews of potential and existing members or who act as mentors in respect of the following requirements:

- Professional Review interviews which are a requirement for engineer's registration at CEng, IEng and some EngTech level
- Technical Report and ELR interviews at all levels
- Chartered Environmentalist and Registered Environmental Practitioner interviews
- CTPD. RProdDes. RCP and RCADMan interviews

There are twelve volunteers on the Membership Committee and twenty-two volunteers on the Education and Training Committee.

b. Investment policy and performance

The trustees are currently satisfied with the investment performance of the assets and at present do not have any plans to expand its portfolio or feel it necessary to dispose of those currently in use.

c. Factors relevant to achieve objectives

The trustees have made a full assessment of the internal and external factors that may affect these financial statements and do not deem any factors material enough to have an impact.

Financial review

a. The statement of financial activities (page 11) shows that for this year there was a surplus of £12,922 (2021: £45,082).

Total resources expended amounted to £270,895 (2021: £276,369).

b. Reserves

Total reserves amounts to £380,275 (2021: £367,353). General reserves (excluding restricted and endowment funds) stand at £369,509 (2021: £353,463).

It is the IED's policy that unrestricted funds not presently committed or invested in tangible fixed assets should not be designated for specific future expenditure.

Restricted reserves stand at £10,766 (2021: £13,890).

Free reserves (unrestricted reserves not tied up in fixed assets) are currently in deficit. The Trustees have a three-tiered plan to address this situation, with management of expenditure to help minimise the immediate gap, intermediate plans to realise some of the assets that are within Courtleigh and longer-term plans to raise capital for the development of the Institution in the not too distant future.

The financial statements have been prepared on a going concern basis. The timing of receipts of subscription income means that working capital requirements can fluctuate significantly during the year. The Institution has access to both short term (overdraft) and medium-term funding (loans) to address this. It also has longer term (realisation of asset) plans in place.

c. Principal funding

The Institution's principal source of funding is its subscriptions from its members.

REPORT (CONTINUED)

Plans for the future
Future developments
The revised strategy will come into force in January 2022 and will lead a number of changes including:
 Project Courtleigh will see phase 1 of the project come to fruition. Project IED will introduce a number of new initiatives and services to members and improved communications across the board, including a range of webinars for members and the wider community to enjoy.
Gift Aid The Institution approached members asking them whether they would be prepared to sign a gift aid declaration so that income tax relief could be claimed on their subscriptions, Benevolent Fund contributions and Education Fund contributions.
On behalf of the board of Trustees
Mrs E K Meyrick BSc (Hons) FRSA Secretary
Dated:

STATEMENT OF RESPONSIBILITIES

The trustees are responsible for preparing the Report and the accounts in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

The law applicable to charities in England and Wales requires the trustees to prepare accounts for each financial year which give a true and fair view of the state of affairs of the charity and of the incoming resources and application of resources of the charity for that year.

In preparing these accounts, the trustees are required to:

- select suitable accounting policies and then apply them consistently;
- observe the methods and principles in the Charities SORP (FRS 102);
- make judgements and estimates that are reasonable and prudent;
- state whether applicable accounting standards have been followed, subject to any material departures disclosed and explained in the accounts; and
- prepare the accounts on the going concern basis unless it is inappropriate to presume that the charity will continue in operation.

The trustees are responsible for keeping sufficient accounting records that disclose with reasonable accuracy at any time the financial position of the charity and enable them to ensure that the accounts comply with the Charities Act 2011, the Charity (Accounts and Reports) Regulations 2008 and the provisions of the trust deed. They are also responsible for safeguarding the assets of the charity and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

INDEPENDENT EXAMINER'S REPORT

TO THE TRUSTEES OF THE INSTITUTION OF ENGINEERING DESIGNERS

I report on the accounts of the charity for the year ended 31 December 2022, which are set out on pages 10 to 24.

Respective responsibilities of trustees and examiner

The charity's trustees are responsible for the preparation of the accounts. The charity's trustees consider that an audit is not required for this year under section 144(2) of the Charities Act 2011 (the 2011 Act) and that an independent examination is needed. The charity's gross income exceeded £250,000 and I am qualified to undertake the examination being a qualified member of the ICAEW.

It is my responsibility to:

- i. examine the accounts under section 145 of the 2011 Act;
- ii. (ii) to follow the procedures laid down in the general Directions given by the Charity Commission under section 145(5)(b) of the 2011 Act; and
- iii. (iii) to state whether particular matters have come to my attention.

Basis of independent examiner's report

My examination was carried out in accordance with the general Directions given by the Charity Commission. An examination includes a review of the accounting records kept by the charity and a comparison of the accounts presented with those records. It also includes consideration of any unusual items or disclosures in the accounts, and seeking explanations from you as trustees concerning any such matters. The procedures undertaken do not provide all the evidence that would be required in an audit and consequently no opinion is given as to whether the accounts present a 'true and fair view' and the report is limited to those matters set out in the statement below.

Independent examiner's statement

In connection with my examination, no matter has come to my attention:

- a. which gives me reasonable cause to believe that in any material respect the requirements:
 - i. to keep accounting records in accordance with section 130 of the 2011 Act; and
 - ii. to prepare accounts which accord with the accounting records and comply with the accounting requirements of the 2011 Act;
 - iii. have not been met; or
- b. to which, in my opinion, attention should be drawn in order to enable a proper understanding of the accounts to be reached.

Martin Gurney FCA
Haines Watts
Old Station House
Station Approach
Newport Street
Swindon
Wiltshire
SN1 3DU

Dated	:
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STATEMENT OF FINANCIAL ACTIVITIES INCLUDING INCOME AND EXPENDITURE ACCOUNT

		Unrestricted funds	Restricted funds	Total 2022	Total 2021
	Notes	£	£	£	£
Incoming resources from generated funds					
Donations and legacies	2	237,076	-	237,076	278,544
Activities for generating funds	3	32,719	-	32,719	31,982
Investment income	4	182	<u>-</u>	182	
		269,977	-	269,977	310,526
Incoming resources from charitable activities	5	13,930		13,930	10,925
Total incoming resources		283,907		283,907	321,451
Resources expended Costs of generating funds	6				
Costs of generating donations and legacies		150,605		150,605	151,263
Net incoming resources available		133,302	-	133,302	170,188
Charitable activities					
Other costs		117,256	_	117,256	123,746
Benevolent Fund		-	3,124	3,124	1,360
Total charitable expenditure		117,256	-	120,380	125,106
Total resources expended		267,861	3,124	270,895	276,369
Net income/(expenditure) for the year		16,046	(3,124)	12,922	45,082
Transfer of funds	17	-	-	-	-
Net movement in funds		16,046	(3,124)	12,922	45,082
Fund balances at 1 January		353,463	13,890	367,353	322,271
Fund balances at 31 December		369,509	10,766	380,275	367,353

BALANCE SHEET

AS AT 31 DECEMBER 2022

		202	2		2021
	Notes	£	£	£	£
Fixed assets					
Tangible assets	14		498,179		498,179
Current assets					
Stocks		5,486		5,486	
Debtors	15	8,544		10,951	
Cash at bank and in hand		26,908		27,446	
		40,938		43,883	
Creditors: amounts falling due within one					
year	16	(158,842)		(174,709)	
Net current (liabilities)/assets			(117,904)		(130,826)
Total assets less current liabilities			380,275		367,353
Income funds					
Restricted funds	17		10,766		13,890
Unrestricted funds			369,509		353,463
			380,275		367,353

The accounts were approved by the Trustees on	

Mrs E K Meyrick BSc (Hons) FRSA

Secretary

NOTES TO THE ACCOUNTS

FOR THE YEAR ENDED 31 DECEMBER 2022

1 Accounting policies

1.1 Basis of preparation

The Institution of Engineering Designers is a registered charity in England / Wales established under Royal Charter. The address of the registered office is given in the charity information at the start of these financial statements. The nature of the charity's operations and principal activities are set out in the Trustees Report.

The charity constitutes a public benefit entity as defined by FRS 102. 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 1A) issued on 16 July 2014 (as updated through Update Bulletin 1 published on 2 February 2016), the Financial Reporting Standard applicable in the United Kingdom and Republic of Ireland (FRS 102), the Charites Act 2011 and UK Generally Accepted Practice as it applies from 1 January 2015.

The financial statements are prepared on a going concern basis under the historical cost convention, modified to include certain items at fair value. The financial statements are presented in sterling which is the functional currency of the charity and rounded to the nearest £.

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

The financial statements have been prepared on a going concern basis. The timing of receipts of subscription income means that working capital requirements can fluctuate significantly during the year. The Institute has access to both short term (overdraft) and medium term funding (loans) to address this. It also has longer term (realisation of asset) plans in place. Accordingly the financial statements have been prepared on the going concern basis.

1.2 Incoming resources

Subscription income from members is accounted for in the period to which it relates. The institution also receives advertising income in respect of its magazine and rental income in respect of its freehold property. These are accounted for on a receivable basis.

All incoming resources are included in the Statement of Financial Activities when the charity has entitlement to the funds, certainty of receipt and the amount can be measured with sufficient reliability.

Other income is recognised in the period in which it is receivable and to the extent the goods have been provided or on completion of the service.

1.3 Resources expended

Expenditure is accounted for on an accruals basis and has been included under expense categories that aggregate all costs for allocation to activities. Where costs cannot be directly attributed to particular activities they have been allocated on a basis consistent with the use of the resource.

Grants payable are charged in the year when the offer is made except in those cases where the offer is conditional, such grants being recognised as expenditure when the conditions attaching are fulfilled. Grants offered subject to conditions which have not been met at the year end are noted as a commitment, but not accrued as expenditure.

1.4 Tangible fixed assets and depreciation

Tangible fixed assets other than freehold land are stated at cost less depreciation. Depreciation is provided at rates calculated to write off the cost less estimated residual value of each asset over its expected useful life, as follows:

Freehold land is not depreciated Freehold buildings

nil

Plant and machinery

at varying rates on cost

NOTES TO THE ACCOUNTS

FOR THE YEAR ENDED 31 DECEMBER 2022

Tangible fixed assets and depreciation (continued)

The accounting policy for the depreciation of land and buildings has been changed during the prior year. No depreciation is provided on land and buildings with an estimated useful life in excess of 50 years as the entity has a policy of maintaining the property in good condition therefore prolonging its useful life and any depreciation involved would not be material. Due to this policy, the building maintains a residual disposal value at least equal to its book value.

1.5 Leasing and hire purchase commitments

Assets obtained under hire purchase contracts and finance leases are capitalised as tangible assets and depreciated over the shorter of the lease term and their useful lives. Obligations under such agreements are included in creditors net of the finance charge allocated to future periods. The finance element of the rental payment is charged to the profit and loss account so as to produce a constant periodic rate of charge on the net obligation outstanding in each period.

1.6 Stock

Stock is valued at the lower of cost and selling price less net realisable value.

1.7 Pensions

The charity operates a defined contributions pension scheme. Contributions are charged in the accounts as they become payable in accordance with the rules of the scheme.

1.8 Funds

General funds are unrestricted funds which are available for use at the discretion of the Trustees in furtherance of the general objectives of the charity and which have not been designated for other purposes.

Restricted funds are funds which are to be used in accordance with specific restrictions imposed by donors or which have been raised by the charity for particular purposes.

1.9 Debtors

Trade and other debtors are recognised at the settlement amounts due. Prepayments are valued at the amounts prepaid.

2.0 Creditors

Creditors and provisions 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.

NOTES TO THE ACCOUNTS (CONTINUED)

2	Donations and legacies				
		Unrestricted funds £	Restricted funds £	Total 2022 £	Total 2021 £
	Donations and gifts (including Gift Aid) Subscriptions and membership income (see below)	10,779	-	10,779	16,526
	Exceptional item – Engineering Council fees adjustment	226,297	<u>-</u>	226,297 -	242,525 19,493
		237,076	-	237,076	278,544
	Subscriptions and membership income receivable Unrestricted funds:				
	Officestricted funds.			2022	2021
	Cubanistian and facinages from manhors			£	£
	Subscription and fee income from members Members joining fees			204,960 10,577	216,149 10,476
	Accreditation fees			215,537 10,760	226,625 15,900
				226,297	242,525
3	Activities for generating funds				
				2022	2021
				£	£
	Activities for generating funds (rent, magazine advertising	etc)		32,719	31,982
	Net Activities for generating funds			32,719	31,982
4	Investment income				
				2022	2021
				£	£
	Bank interest			182	

NOTES TO THE ACCOUNTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2022

	Incoming resources from charitable activities		
		2022	2021
		£	£
	Seminar and course income	13,930	10,925
6	Total resources expended		
		2022	2021
	Costs of generating funds	£	£
	Costs of generating runus Costs of generating donations and legacies (note 7)	150,605	151,263
	Included in costs of generating funds are Project Courtleigh costs which have in	ncreased and are as shown in	note 11.
		ncreased and are as shown in	note 11.
	Included in costs of generating funds are Project Courtleigh costs which have in Charitable activities	ncreased and are as shown in	note 11. 2021
		2022	2021
	Charitable activities Other costs Activities undertaken directly (note 8)	2022	2021
	Charitable activities Other costs Activities undertaken directly (note 8) Grant funding of activities	2022 £ 52,248 -	2021 £ 56,254
	Charitable activities Other costs Activities undertaken directly (note 8)	2022 £	2021 £
	Charitable activities Other costs Activities undertaken directly (note 8) Grant funding of activities	2022 £ 52,248 -	2021 £ 56,254
	Charitable activities Other costs Activities undertaken directly (note 8) Grant funding of activities Support costs (note 11 – investment, governance & education) Total	2022 £ 52,248 - 65,008	2021 £ 56,254 - 67,492
	Charitable activities Other costs Activities undertaken directly (note 8) Grant funding of activities Support costs (note 11 – investment, governance & education)	2022 £ 52,248 - 65,008	2021 £ 56,254 - 67,492
	Charitable activities Other costs Activities undertaken directly (note 8) Grant funding of activities Support costs (note 11 – investment, governance & education) Total Benevolent Funds	2022 £ 52,248 - 65,008 117,256	2021 £ 56,254 - 67,492 123,746

Included in support costs are payments to the Independent Examiner of £3,000 (2021: £3,000).

Also Included in support costs are Project Courtleigh costs which have increased and are as shown in note 11.

NOTES TO THE ACCOUNTS (CONTINUED)

7	Costs of generating donations and legacies (see note 6)		
	and a general grant and a general (a contract of	2022	2021
		£	£
	Other costs comprise:		
	Advertising	1,677	520
	AGM/EGM expenses	6,544	3,896
	Awards	1,124	-
	Branch expenses reimbursed	, -	-
	Councillor expenses	127	881
	Exhibitions costs	1,386	-
	(Increase)/decrease in stock	-	1,254
	Marketing & promotions	-	
	New members expenses	166	60
	Secretariat expenses	600	361
	Support costs (note 11 – including Project Courtleigh)	138,981	144,291
		150,605	151,263
			
	Project Courtleigh costs have increased and are as shown in note 11		
8	Activities undertaken directly (see note 6)		
		2022	2021
		£	£
	Other costs relating to IED comprise:		
	Magazine publishing costs	30,044	23,211
	Postage re-allocated to magazine publishing	-	12,101
		30,044	35,312
	Support costs	20,172	20,942
		50,216	56,254
	University accreditation costs	2,032	
		52,248	56,254
9	Grants payable		
•		2022	2021
		£	£
	IED	-	-

NOTES TO THE ACCOUNTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2022

10	Support costs (see note 11 for detail)				
			Benevolent	Total	Total
		IED	Fund	2022	2021
		£	£	£	£
	Administration (including Project Courtleigh)	81,821	-	81,821	93,176
	Staff costs (note 13)	142,340	-	142,340	137,595
	Depreciation	-	-	-	1,954
		224,161		224,161	232,735
		=======			232,733

11 Support Costs – allocation

Description	Costs of Generating Voluntary Income	Investment Management Costs	Governance Costs	Educational Schemes	Magazine
Percentage	62.00%	0.50%	1.50%	27.00%	9.00%
	£	£	£	£	£
Accountancy fees	1,352	11	33	589	195
Bank charges	3,395	27	82	1,479	493
Computer equipment depreciation	-	-	-	-	-
Computer expenses/IT support	5,570	45	135	2,426	808
Employer's National Insurance	4,080	33	99	1,777	591
Employer's pension contributions	1,742	14	42	759	253
Equipment hire	-	-	-	-	-
Equipment maintenance	-	-	-	-	-
Fixtures & fitting depreciation	-	-	-	-	-
Furlough grant	-	-	-	-	-
General expenses	124	1	3	54	18
Insurance	2,691	22	65	1,172	390
Interest payable	1,197	10	29	521	173
Irrecoverable VAT under Partial	(7,549)	(61)	(183)	(3,287)	(1,095)
Legal & professional fees	4,034	33	98	1,757	584
Light & heat	11,486	93	278	5,002	1,666
Office refreshments	135	1	3	59	20
Postage	2,365	19	57	1,030	343
Postage re-allocated to magazine	-	-	-	-	-
Printing & stationery	1,174	9	28	511	172
Project Courtleigh	11,094	89	268	4,831	1,612
Property maintenance	10,511	85	254	4,577	1,526
Rates & water	1,210	10	29	527	176
Staff training	535	4	13	233	78
Subscriptions payable	1,365	11	33	594	198
Telephone	41	-	1	18	6
Wages & salaries	82,429	665	1,994	35,897	11,965
Total	138,981	1,121	3,361	60,526	20,172

Continued on next page

NOTES TO THE ACCOUNTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2022

11 Support Costs – total

Description	Total	Total
	2022	2021
	£	£
Accountancy fees	2,180	3,391
Bank charges	5,476	6,293
Computer equipment depreciation	-	1,954
Computer expenses/IT support	8,984	11,688
Employer's National Insurance	6,580	6,779
Employer's pension contributions	2,810	2,700
Equipment hire	-	-
Equipment maintenance	-	143
Fixtures & fitting depreciation	-	-
Furlough grant	-	-
General expenses	200	918
Insurance	4,340	4,911
Interest payable	1,930	1,415
Irrecoverable VAT under Partial Exemption rules	(12,175)	6,238
Legal & professional fees	6,506	2,100
Light & heat	18,525	12,538
Office refreshments	218	385
Postage	3,814	17,614
Postage re-allocated to magazine publishing	-	(12,101)
Printing & stationery	1,894	1,486
Project Courtleigh	17,894	6,366
Property maintenance	16,953	25,490
Rates & water	1,952	1,464
Staff training	863	512
Subscriptions payable	2,201	1,330
Telephone	66	995
Wages & salaries	132,950	128,116
Total	224,161	232,725

12 Trustees

None of the trustees (or any persons connected with them) received any remuneration during the year, but were reimbursed a total of £391 for expenses (2021: £687). This included £69 (2021: £nil) in relation to accreditation expenditure, £322 (2021: £nil) for meetings and the remainder £nil (2021: £687) was for other expenditure.

Trustees loaned a total of £30,000 (2021: £60,000) to the charity during the year as short-term working capital. Loan interest at 2.95% per month was payable on the loans. The loans outstanding at the year end were £30,000 (2021: £60,000). No other related party transactions took place during the year.

NOTES TO THE ACCOUNTS (CONTINUED)

	Employees				
	Staff Costs				
				2022	2021
				£	f
	Wages and salaries			132,950	128,116
	Furlough grant			-	6 77
	Employer's National Insurance contributions			6,580	6,779
	Pension costs			2,810	2,700
				142,340	137,595
	There were no employees whose annual remune	eration was £60,0	00 or more.		
	The average monthly number of employees duri	ing the year was 7	(2021: 7).		
4	Tangible fixed assets				
		Land and	Computer	Fixtures and	Tota
		buildings	Equipment	Fittings	
	Cont	£	£	£	1
	Cost	F2F 024	10.522	C CEE	FC1 000
	At 1 January 2022 Additions	535,921	18,522	6,655	561,098
	Additions	-		-	
	At 31 December 2022	535,921	18,522	6,655	561,098
	Depreciation				
	At 1 January 2022	37,742	18,522	6,655	62,919
	At 1 January 2022 Charge for the year	37,742 -	18,522 -	6,655 -	62,919
		37,742 - - 37,742	18,522 - - 18,522	6,655 - 6,655	
	Charge for the year				
	Charge for the year At 31 December 2022				62,919
	Charge for the year At 31 December 2022 Net book value	37,742			62,919 62,919 498,179
nclu	Charge for the year At 31 December 2022 Net book value At 31 December 2022	37,742 498,179 498,179	18,522		62,919 498,179
	Charge for the year At 31 December 2022 Net book value At 31 December 2022 At 31 December 2021 ded in land and buildings is freehold land of £165	37,742 498,179 498,179	18,522		498,179
	Charge for the year At 31 December 2022 Net book value At 31 December 2022 At 31 December 2021	37,742 498,179 498,179	18,522		498,179 498,179
ıclu 5	Charge for the year At 31 December 2022 Net book value At 31 December 2022 At 31 December 2021 ded in land and buildings is freehold land of £165 Debtors	37,742 498,179 498,179	18,522	- 6,655 - - - - 2022 £	498,179 498,179
	Charge for the year At 31 December 2022 Net book value At 31 December 2022 At 31 December 2021 ded in land and buildings is freehold land of £165 Debtors Trade debtors	37,742 498,179 498,179	18,522	- 2022	498,179 498,179
	Charge for the year At 31 December 2022 Net book value At 31 December 2022 At 31 December 2021 ded in land and buildings is freehold land of £165 Debtors Trade debtors Other debtors	37,742 498,179 498,179	18,522	- 6,655 - - - - 2022 £	498,179 498,179
	Charge for the year At 31 December 2022 Net book value At 31 December 2022 At 31 December 2021 ded in land and buildings is freehold land of £165 Debtors Trade debtors Other debtors Prepayments	37,742 498,179 498,179	18,522	6,655	498,179 498,179
	Charge for the year At 31 December 2022 Net book value At 31 December 2022 At 31 December 2021 ded in land and buildings is freehold land of £165 Debtors Trade debtors Other debtors	37,742 498,179 498,179	18,522	- 6,655 - - - - 2022 £	62,919 498,179

NOTES TO THE ACCOUNTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2022

16	Creditors: amounts falling due within one year	2022	2021
		£	£
	Accruals	4,071	21,374
	Bank overdraft	40,822	42,852
	Bounce-back loan (Coronavirus support)	-	-
	Deferred income	-	-
	Engineering Council	31,081	29,076
	Loans from Trustees	30,377	60,000
	Other creditors	17,989	12,908
	Other taxes and social security costs	2,452	3,240
	Trade creditors	32,050	5,156
	VAT	-	103
		158,842	174,709

The bank overdraft is secured by a fixed charge over the freehold property.

17 Restricted funds

The income funds of the charity include restricted funds comprising the following unexpended balances of donations and grants held on trust for specific purposes:

	Movement in f	funds	
Balance at 1 January 2022	Net movement	Transfer	Balance at 31 December 2022
£	£	£	£
13,890	(3,124)		10,766
13,890	(3,124)		10,766
	January 2022 £ 13,890	Balance at 1 January 2022 £ £ (3,124)	January 2022 £ £ £

Benevolent Fund – funded by donations from members and used to pay direct grants or, where specifically approved by Council, annual subscriptions on behalf of applicant members who otherwise cannot afford to retain their membership.

18 Analysis of net assets between funds

	Unrestricted	Restricted	Total
	£	£	£
Fund balances at 31 December 2022 are represented by:			
Tangible fixed assets	498,179	-	498,179
Current assets	30,172	10,766	40,938
Creditors: amounts falling due within one year	(158,842)	<u> </u>	(158,842)
	369,509	10,766	380,275

NOTES TO THE ACCOUNTS (CONTINUED)

Detailed Income and Expenditure account		
·	2022	2021
Income	£	£
Incoming resources from generated funds		
Donations and gifts	-	30
Exceptional item – Engineering Council fees adjustment	-	19,493
Gift Aid	10,779	16,496
Members joining fees Sponsorship and commissions (accreditation)	10,577 10,760	10,476 15,900
Subscriptions & fee income from members	204,960	216,149
	237,076	278,544
Activities for generating funds		
Magazine advertising and non-member subscriptions	10,025	9,242
Rental income, room hire charges & sundry income	22,694	22,740
	32,719	31,982
Investment income		
Bank and building society interest	182	-
Incoming resources from charitable activities		
Seminar and course income	13,930	10,925
Total Income	283,907	321,451
Expenditure		
Costs of generating funds		
Advertising & marketing	1,677	520
AGM/EGM expenses Awards	6,544 1,124	3,896
Branch expenses reimbursed	-	-
Councillor expenses	127	881
Exhibitions costs	-	-
(Increase)/decrease in stock	-	1,254
Marketing & promotions	- 166	- 60
New members expenses Secretariat expenses	600	361
ocorcia nat expenses		
	11,624	6,972

NOTES TO THE ACCOUNTS (CONTINUED)

Detailed Income and Expenditure account		
Charitable activities		
Magazine publishing costs	30,044	35,312
University accreditation	2,032	-
	32,076	35,312
Grants provided	-	-
	22.076	25 242
	32,076	35,312
Other resources expended (restricted)		
Benevolent Fund	3,124	1,360
	3,124	1,360
Support costs		
Accountancy fees	2,180	3,391
Bank charges	5,476	6,293
Computer equipment depreciation	, -	1,954
Computer expenses/IT support	8,984	11,688
Employer's National Insurance	6,580	6,779
Employer's pension contributions	2,810	2,700
Equipment hire	<u>-</u>	-
Equipment maintenance	-	143
Fixtures & fitting depreciation	<u>-</u>	-
Furlough grant	<u>-</u>	-
General expenses	200	918
Insurance	4,340	4,911
Interest payable	1,930	1,415
Irrecoverable VAT under Partial Exemption rules	(12,175)	6,238
Legal & professional fees	6,506	2,100
Light & heat	18,525	12,538
Office refreshments	218	385
Postage	3,814	17,614
Postage re-allocated to magazine publishing	<u>-</u>	(12,101)
Printing & stationery	1,894	1,486
Project Courtleigh	17,894	6,366
Property maintenance	16,953	25,490
Rates & water	1,952	1,464
Staff training	863	512
Subscriptions payable	2,201	1,330
Telephone	66	995
Wages & salaries	132,950	128,116
	224.464	122 725
	224,161	232,725

NOTES TO THE ACCOUNTS (CONTINUED)

Detailed Income and Expenditure account (continued)		
Total expenditure	270,985	276,369
Total movement in Funds	12,922	45,082