



CCDC

advancing structural science

The Cambridge Crystallographic Data Centre

Trustees' report and financial statements for the year
ending 31st December 2024



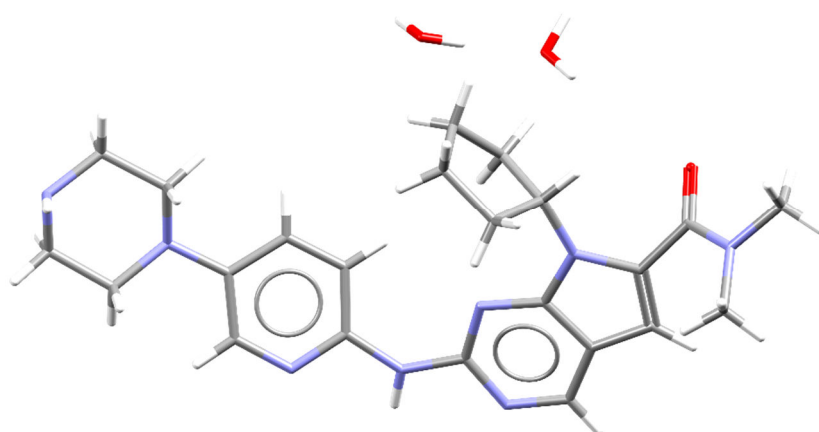
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Trustees' report and financial statements for year ending 31 December 2024

The Trustees present their annual report together with the audited financial statements of the group and the company for the year 1 January 2024 to 31 December 2024. The Annual Report serves the purpose of both a Trustees' report and a Directors' report under company law. The Trustees confirm that the Annual Report and financial statements of the company comply with the current statutory requirements, the requirements of the company's governing document, and the provisions of the Statement of Recommended Practice (SORP) 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 2019).



CSD Entry GOKCES – a new dihydrate form of the cancer drug ribociclib, which was added to the database in 2024.

About the Cambridge Crystallographic Data Centre (CCDC) and its purpose

We shape the future of structural science:

- With scientific software, high-quality data, and professional services that accelerate the discovery and development of new medicines, chemical products, and advanced/functional materials.
- By promoting collaboration across academia and industry globally to generate new discoveries and methods in structural science.
- By inspiring and training a new generation of structural scientists worldwide through outreach and education.

What we do

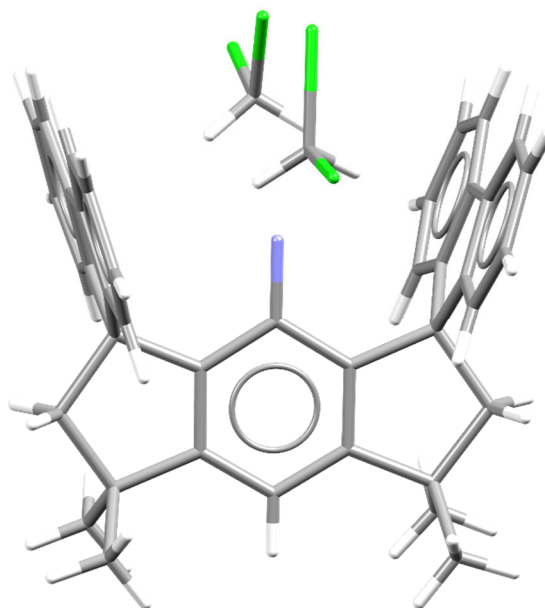
CCDC are world-leading experts in high-quality structural chemistry data and scientific software, which generate knowledge & insights for scientific research and development. Our outputs support the discovery and development of new pharmaceuticals, functional materials, and fundamental chemistry, in industry and academia.

We specialise in the collation, curation, preservation, dissemination and application of chemical structural data for use in biopharmaceutical discovery and manufacturing, materials development, and research and education.

We compile and distribute the Cambridge Structural Database (CSD), a certified, trusted database of fully curated and enhanced organic and metal-organic experimental crystal structures, used by researchers across the globe. Our cutting-edge scientific software empowers scientists and researchers to extract invaluable insights and knowledge from this vast dataset, driving new innovations and discoveries.

CSD Entry PORPOF – an extraordinary nitrene molecule added to the database in 2024.

Typically such molecules have extremely short lifetimes, but this work reported by Beckmann et al. in Science found it could be stabilized for 3 days under an argon atmosphere.



What makes us different?

High-quality, trusted data

Each chemical structure in the CSD undergoes extensive validation and cross-checking via automated workflows (utilising machine learning techniques and semantic rules) and through manual curation by our expert chemists, crystallographers, and data analysts. This means users can trust that the data in the CSD is accurate, consistent, and of the highest quality (a key requirement for good machine learning models and deploying AI-based methods successfully).

Furthermore, we enrich the data with bibliographic, chemical, and physical property information and a range of additional metadata. This adds further value and scope to the original structural data and enables both scientists and machines (e.g. new AI-based algorithms) to interpret the structures in a chemically meaningful way.

Managing this data so that it is available and secure is a critical part of how the CCDC ensures the CSD remains an important global data repository. We continue to invest in multiple layers of cyber-security, work with third parties to test our systems and software for vulnerabilities and run ongoing cyber-security training with all staff.

Unique data

We enable researchers to publish small molecule organic and metal-organic experimental crystallographic data that otherwise would have remained unpublished, confidential, and unknown, directly through the CSD. The CSD therefore contains data that isn't available anywhere else in the world.

Intelligent software and expertise

Our in-house software experts keep up to date with the latest developments in global data and software standards, applying their knowledge and expertise to develop robust systems that provide researchers with the tools to access, search, visualise, and meaningfully interpret the data in the CSD.

Knowledge

Using a novel application of existing and new algorithms and methods to explore the high-quality structural data and physicochemical properties in the CSD, we can extract new scientific insights to advance structural science worldwide and assist in the making of new discoveries.

Supporting the community

We are committed to the advancement of chemistry for the public benefit, serving the global chemistry community by helping to address our users' challenges through high-quality data, cutting-edge software, and specialist knowledge & expertise.

We offer a selection of products and services free of charge for the benefit of the scientific community. Our services cover a wide range of crystallographic tools — from data collection, validation, advanced searching, and visualisation to teaching, research, and analysis.

Our strategy: Advancing structural chemistry worldwide

The main objective of the not-for-profit charity is the general advancement and promotion of the science of chemistry and crystallography in all its branches for the public benefit.

The CCDC's strategy is to deliver this through continued development of its people, data, science and partnerships, and training and outreach.

Data

To continue collecting, curating, making available, and learning from structural chemistry data on a deeper, faster, and more interlinked level. Additionally, we will continue to incorporate open and FAIR (Findable, Accessible, Interoperable, Reusable) data requirements.

Over the next five years, CCDC aims to expand its data by incorporating more meta data about solid forms into the CSD and by storing a broader range of chemical structural data, including more complex molecules and non-experimental or theoretically calculated small molecule data. This growth, along with enhanced interlinking of data, is supported by a new, continuously evolving, and scalable database architecture, ensuring a future-proof foundation for an increasingly interconnected structural science universe. Through updated editorial workflows and improved interactions with the wider scientific community and all depositors, we will capture and add more fields and metadata, as well as physicochemical data.

Science and Partnerships

We endeavour to be a leader in structural scientific research by working with all our in-house scientists, our research partners, commercial clients, and our international academic network. We will continue to develop helpful partnerships and alliances, furthering our cause, as well as scaling up our global distribution network.

We will continue to invest in new approaches and infrastructure to continue our novel research and regular publishing in the scientific literature, to advance the field as a whole.

Training, Education and Outreach

Through our global training, education, and outreach initiatives, we are committed to advancing structural science and equipping the next generation of scientists. This effort supports the wider adoption of CCDC's software and data in both academia and industry. A key part of this mission is our growing CSD Champions network—passionate volunteers who use the CSD in research and education. These champions help us engage with new and existing users in their regions, supporting the scientific community through education and outreach. In 2024, our CSD Champions contributed to this global effort by leading or supporting over 13 training events worldwide.

Our strategic aims, vision, and mission:

Collecting, curating, providing, and learning from structural chemistry data

- Continue to be the world's most comprehensive and trustworthy repository of structural chemistry knowledge for life and materials science research and application while establishing data trust through CCDC's adoption of the FAIR (Findable, Accessible, Interoperable, Reusable) data principles and a philosophy of data openness.

Leading structural scientific research

- Be recognised by industry as the “go-to” partner for chemical structural science innovation.
- Enable world-class academic research that advances the application of chemical structural knowledge via our growing global research network.

Creating new insights

- Generate new scientific insights based on the exploration of high-quality chemical structural data.
- Apply existing and new algorithms and methods—including artificial intelligence, machine learning, deep learning, neural nets, large language models (LLMs), statistics, and automation—in novel ways.

Creating and supporting industry leading software

- Deliver a modern, cohesive, scalable, and reliable cloud-based software ecosystem that enables our users to gain new insights from structural data.

Enabling education and outreach

- Be the world-leading provider of structural chemistry information for use in education, to promote the power of structural science.

Supporting our people

- Live our values to be a healthy, happy, collaborative, productive, innovative, and fun place to work. Create a culture and environment that values teamwork and efficiently delivers on goals with drive, urgency, energy, and pro-activity.

Customer centricity

- Be customer-focused (both external and internal customers) and deliver against requirements on time and on target.

Delivering sustainability

- Generate sufficient funds and reserves to meet the needs of our industrial and academic user bases for decades to come.

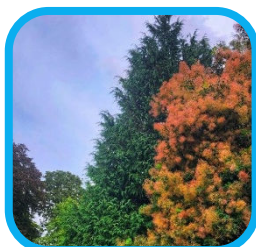
Our values

We have nine core values underpinning everything we do to ensure we achieve our mission. The CCDC and its staff have embedded these values in the ways we work across all levels and functions of the organisation.



Community

We serve the global scientific communities for the public benefit.



Collaboration

We work together and engage positively with others to achieve our goals.



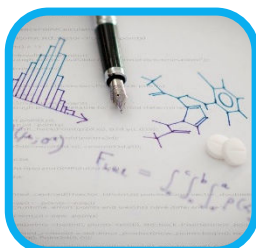
Customer Centricity

We provide a high-quality product and service with an excellent customer experience.



Integrity

We act with integrity and communicate honestly and transparently.



Innovation

We push boundaries in all that we do and creatively advance understanding.



Passion

We are enthusiastic about the services we provide and committed to the people we help.



Quality

We are experts in our field, producing trusted resources for our community and customers.



Agility

We act in flexible and efficient ways, with a sense of urgency and turn around requests as fast as possible without compromise to quality.



Diversity

We believe in diversity and inclusion, and we work to create a culture of belonging where everyone is welcome, valued, and respected.

Public Benefits

The CCDC Board of Trustees holds in high regard the principle of public benefit and requires the executive team, the wider senior leadership, and staff of the CCDC to pursue policies that demonstrate this. At its quarterly meetings, the Board of Trustees reviews ongoing charitable activities to ensure consistency with our charitable objectives. The Board of Trustees is aware of the Charity Commission's guidance on public benefit and has had regard to it in determining the Charity's aims and objectives and in the way it carries out its activities.



Staff and Trustees, May 2024

Delivering our vision

In 2024, the Cambridge Structural Database (CSD) grew by 4% to over 1.3 million structures. This growth resulted from contributions by over 15,000 researchers from 100 countries.

Four data releases were delivered through our desktop software and up to the minute data was provided through our online services, namely Access Structures and WebCSD. Curated data collections, known as CSD Subsets, were also updated alongside our desktop releases to facilitate targeted research. These subsets are often developed in collaboration with external experts and provide a great starting point for specific research projects.

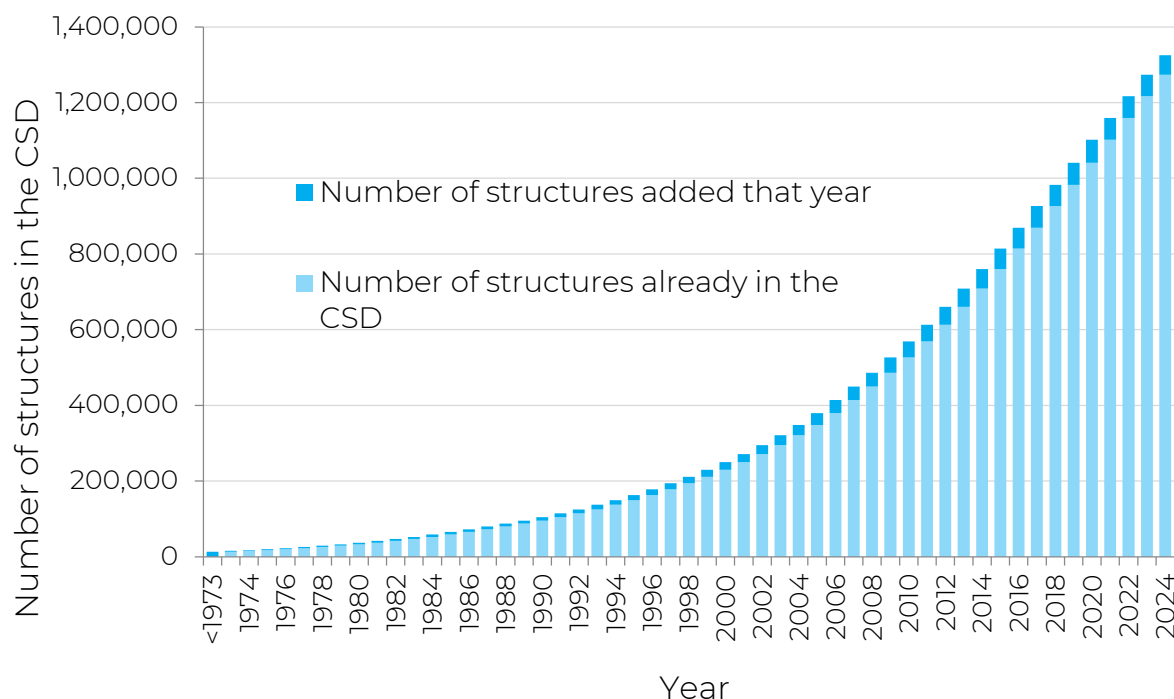


Chart showing the growth of the Cambridge Structural Database.

The 'CSD Communications' initiative, which enables direct sharing of crystal structure data without the need for an associated scientific article, accounted for over 6,000 new entries, representing more than 10% of the year's additions. The total number of structures shared through this method now exceeds 64,000. The CCDC also supported researchers worldwide to help add entries into the CSD from historical hardcopy, printed information.

Efforts were made to enhance existing data within the CSD. Over 222,000 entries were enhanced, up from 191,000 in 2023. Information such as bioactivity, natural source, oxidation states, and polymorph descriptors were added. New semiconductor-related properties were added to 35,000 structures.

The CCDC successfully renewed its [CoreTrustSeal](#) accreditation, confirming its status as a global trusted data repository. During the year we automated more of our data integrity checks and worked closely with publishers when data integrity issues were identified. By the end of 2024 a total of 1,002 structures had been retracted from the database (up from 738) due to data or publication integrity concerns and our users were kept informed through a dedicated [FAQ](#).

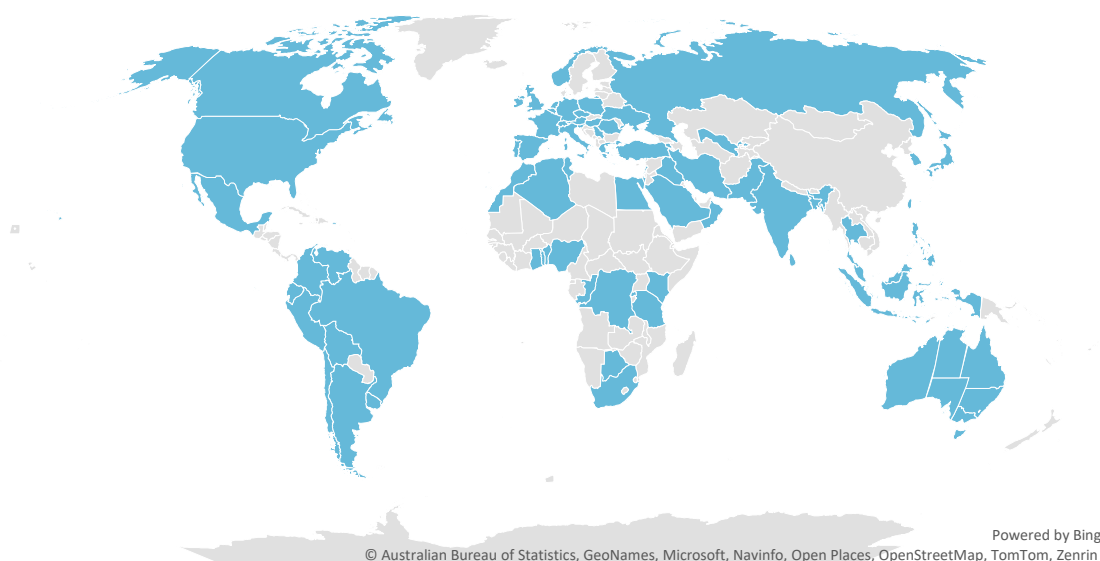
The scientific impact of the CCDC was reflected in its citation record, with over 1,100 peer-reviewed articles referencing the CSD reference paper in 2024 (up from 995 in 2023).

A symposium was held at the Spring ACS Meeting in New Orleans to commemorate the contributions of CCDC founder, Dr Olga Kennard, who passed away in 2023. The symposium featured 12 presentations, covering a diverse range of topics highlighting her pioneering vision. Alongside this symposium 30 articles were published in a [Virtual Special Issue of Crystal Growth & Design](#) "Legacy and Future Impact of the Cambridge Structural Database: A Tribute to Dr Olga Kennard". The full collection is due for publication in 2025 and will stand as a permanent testimony to her enduring legacy and the value of the CSD.

The CCDC continued to support our global scientific community, and to further that support, we expanded the [CSD Champions](#) network. This volunteer program helps to train users in more regions. We participated at and supported many international conferences both in-person and virtually, and the CCDC and our CSD Champions delivered over thirty workshops at crystallographic schools and training events worldwide (either in-person or virtually). These included events in the UK, Croatia, Poland, Benin, Canada, USA, Italy, France, Kenya, Morocco, Colombia, Brazil, Germany, the Netherlands, Uruguay, Argentina and Australia.

During 2024, the CCDC also hosted six free virtual workshops over two series. These online training sessions hosted attendees from all over the world, and overall attracted 647 attendees at the live sessions, up from 547 in 2023.

In total through our in-person and on-line tutored sessions delivered by CCDC and our CSD Champions, we trained over 1,700 people at live events, an increase of over 24% compared to 2023.



Map showing the location of people who attended CCDC Virtual Workshops in 2024, countries with at least one attendee shown in blue.

As well as supporting and hosting virtual global events, the CCDC established and enriched the educational resources we provide. These resources include guided step by step workshops, how-to videos and social media software tips to help users explore the CSD and associated software. New online training courses were added to [CSDU](#), our collection of free on-demand modules, with content comparable to that of live workshops and with a certificate earned at completion. These on-demand courses go beyond our self-guided

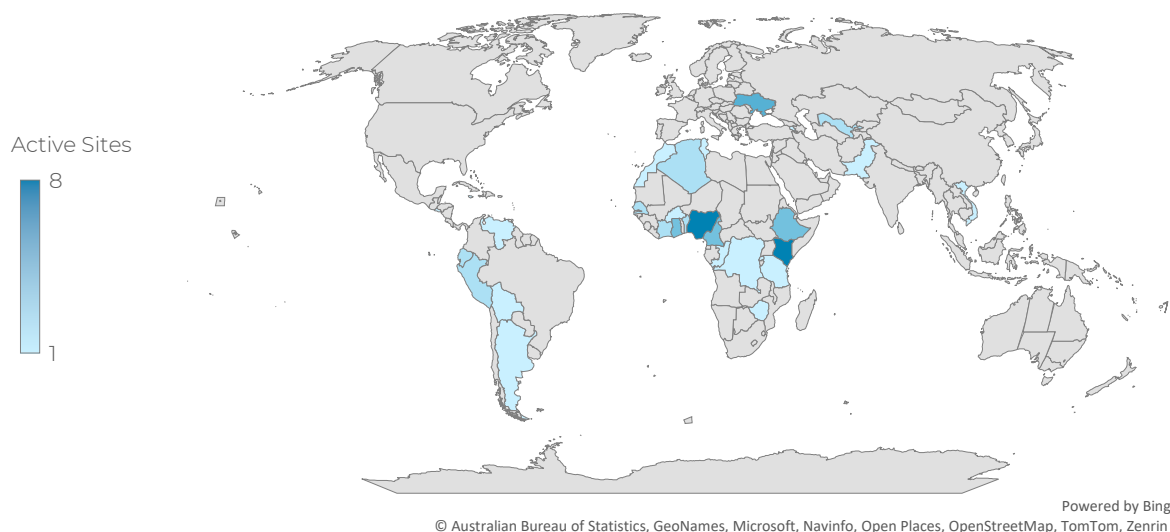
workshops with focussed modules that include bite-sized videos, demonstrations, guided hands-on exercises and tests. They help increase accessibility of our training courses across different time-zones, competing schedules and different preferred learning styles of our user base. All modules are free to access and are designed to help train scientists in the value of structural data for research and education.

To inspire the next generation of structural scientists, CCDC hosted an in-person event at the Cambridge Festival with our [Crystal Adventures](#) activity. Participants of all ages hunted for the structures of everyday compounds, viewed crystal growth in real time under the microscope, matched proteins to ligands with a card game, and built crystal structure models. Through the CCDC Engagement Grant programme, CCDC also supported individuals outside of CCDC in creating resources or activities to increase school student and public engagement in crystallography and structural science. All resources were shared through the CCDC website. These included classroom activities that used Lego to simulate the drug discovery process, a booklet of activities to introduce children to chemistry and crystallography and a board game to learn about symmetry. Six new projects were funded in 2024, ranging from workshops in high schools to activities designed to explore the art within crystals. The outputs of our Engagement Grant Programme will be shared in 2025.

As well as supporting scientists to contribute to advancing structural science for the public benefit, the CCDC supported early-stage structural scientists at 19 events worldwide through the provision of early career prizes and sponsorship. In 2024 CCDC also hosted two students over the European summer months for paid placements. The placements involved typing up legacy data, enrichments to the CSD, as well as the creation of educational resources. The 2024 cohort were both undergraduate students in the UK. These projects helped the students familiarize themselves with a range of scientific software and learn about the importance of good data management practices before resuming their academic studies. We also hosted three academics for extended periods; Professor Izabela Madura from the University of Warsaw, Poland; Dr Alice Brink from the University of Free State, South Africa; Dr Helen Maynard-Casely from ANSTO in Australia. This allowed us to establish new scientific collaborations, publish joint articles, learn more about how our tools are being used externally and gave them the opportunity to learn more about how to use the CSD for their research and teaching.

We continued to promote our Frank H. Allen International Research and Education ([FAIRE](#)) programme that provides free access to the CSD and associated software to scientists in eligible countries who may not otherwise have access. In 2024, 22 new institutions were awarded a campus-wide CSD licence under the FAIRE programme, taking the total number of active FAIRE licence holders to 62. The initiative supported researchers to publish over 40 papers in 2024, and since the 2017 launch over 140 scientific articles in primary research journals have been published.

FAIRE licenses - 2024



Map showing where our FAIRE programme was used in 2024. Lighter to darker shades represent a growing number of FAIRE holders ranging from one to eight.

Scientific innovation

CCDC has continued to innovate in 2024. Consistent with our mission, we worked across the discovery science, pharmaceutical solid-state materials informatics, particle and surface chemistry, crystal structure prediction, and functional materials domains. Our science is shared with our communities in several ways: integration into our software, publications in the scientific literature, book chapters, seminars, talks and scientific posters at international meetings. Examples of research areas include an AI-driven co-former ranking tool, ongoing investigations into modified growth models, exploration of enhancements to our GOLD software for PROTACs docking and the publication of the Seventh Blind Test of Crystal Structure Prediction.

Impact of the CCDC in worldwide research

The CCDC's software and services continue to have impact in research across the world. In 2024, at least 2,750 published papers cited one or more key CCDC reference papers. This includes over 1,100 citations of the CSD reference paper, as well as references to key products such as the GOLD protein docking software and Mercury visualisation software. Most of these papers demonstrate the use of CCDC software or data in both academic and industrial research. According to Web of Science, authors from institutions in 109 different countries contributed to these publications, while research from 143 countries worldwide has featured the CSD.

Publications by Country

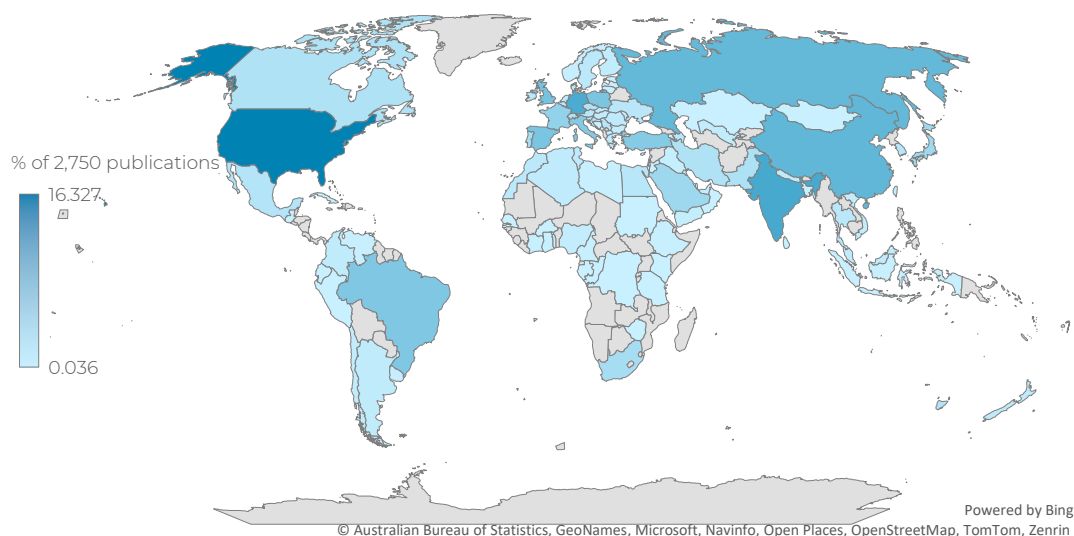


Chart showing the worldwide distribution of citation counts (according to Web of Science) for papers citing at least one of the key CCDC reference papers published in 2024. Borders of FAIRE countries are highlighted, showing that CCDC's FAIRE program to ensure access to data is impactful, allowing scientists in these countries to undertake interesting scientific studies.

While many publications fall into the Web of Science category of 'Chemistry Multidisciplinary' or 'Crystallography', 89 publication categories were featured in this year's set of published papers. Other categories featured ranged from 'Energy Fuels' to 'Public Environmental Occupational Health' to 'Mycology' showing the diversity of applications for CCDC software and data.

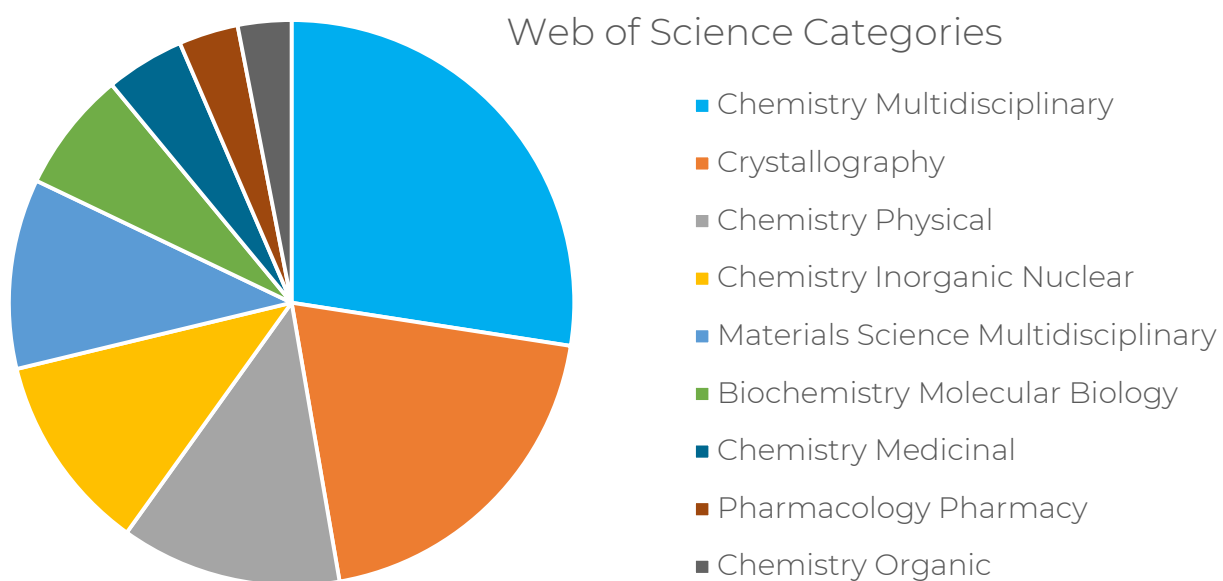
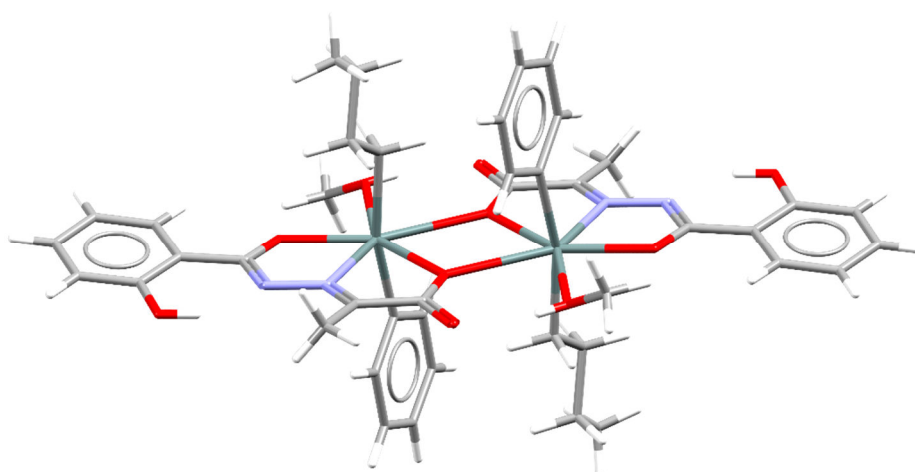


Chart showing the distribution of topics (according to Web of Science) for papers citing at least one of the key CCDC reference papers published in 2024. The top 10 categories are shown.

CCDC Studentships

CCDC is heavily engaged in the development of the next generation of researchers by supporting research (Ph.D) studentships through various combinations of direct financial support, software provision and in-kind supervisory support. We are actively supporting five doctoral training centres in the United Kingdom, and we supported fifteen studentships during 2024. These include a studentship in Italy, and we committed to support a Brazilian studentship to begin in 2025. All research studentships are consistent with our mission.



CSD Entry DOQGAV – a potential anti-cancer agent, crystal structure added to the database in 2024.

Key product releases

In 2024, the CCDC introduced several groundbreaking initiatives that have significantly advanced scientific research and industry practices.

Accelerating Drug Discovery with AWS and Intel

In collaboration with Amazon Web Services (AWS) and Intel, the CCDC released a large, curated dataset of protein structures from the Protein Data Bank (PDB) with predicted hydrogen positions. This freely accessible resource covers the majority of published experimentally determined protein structures and enhances the efficiency of drug discovery by providing precomputed hydrogen positions, saving researchers valuable time and resources. Moreover, it reduces the environmental footprint associated with large-scale computational tasks.

Advancements in Crystal Structure Prediction

The CCDC led the 7th Crystal Structure Prediction (CSP) Blind Test, expanding CSP beyond pharmaceuticals to areas like electronics and photonics. This initiative showcased the potential of CSP in predicting stable crystal structures, leading to improved manufacturing processes and the discovery of new materials. The findings, detailed in two scientific papers, highlight the advancements and ongoing challenges in the field.

Expanded Data Access in the CSD

The CCDC continued to enhance the CSD, providing researchers with comprehensive access to crystal structure data. At the beginning of the year the CSD passed the 1.25M unique structures milestone. It ended 2024 with 1,308,545 unique structures, supporting a wide range of scientific investigations and educational purposes.

Enhanced Software Suites

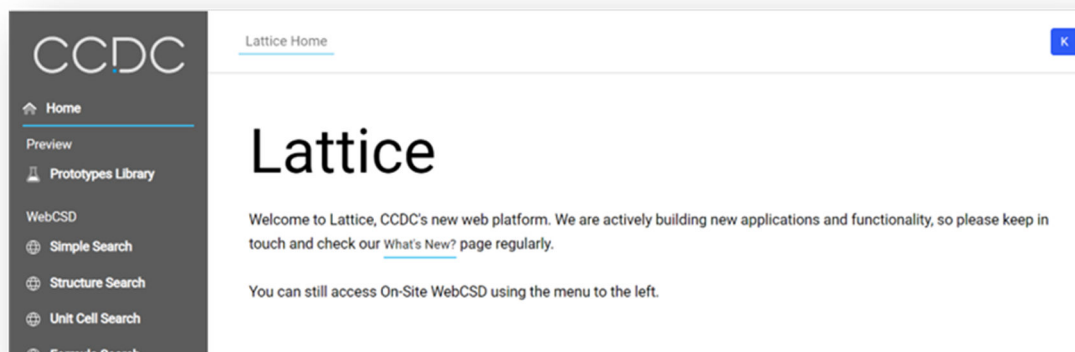
The CSD-Discovery, CSD-Materials, and CSD-Enterprise suites have been updated to support the discovery of new molecules, the study of crystalline materials, and provide a complete set of applications for academic users.

Examples of functional enhancements delivered in 2024:

- [Crystal Packing Similarity in CSD-Materials has been improved when handling crystal structures with internal symmetry.](#)
- [For structural scientists working with both small molecule and macromolecule structures, more accurate hydrogen placement when protonating.](#)
- [New PXRD Structure Matching & Optimization functionality using algorithms that match and optimize crystal structures based on experimental powder diffraction patterns.](#)
- Improved handling and visualisation of disorder in crystal structures.

Increased Accessibility

In 2024, CCDC released a new web-based platform – Lattice for on-site industrial users of WebCSD. In time Lattice will become the central hub bringing together capabilities to unlock new structural science insights, all in a web browser with no need to install anything.



Increased Availability

By forming partnerships with key market players, the CCDC continues to enhance accessibility to its tools for scientists worldwide. CCDC's partnership with the International Centre for Diffraction Data (ICDD) provides important structural data to analytical scientists using powder diffraction across many industries to characterise materials. Collaboration with Cadence Molecular Sciences provides computational and medicinal chemists with a powerful new toolset to streamline and enhance analysis of potential drug-target interactions, a crucial step in pharmaceutical development.

Impact and Future Directions

These initiatives underscore the CCDC's commitment to advancing scientific knowledge and supporting the global research community. By leveraging powerful collaborations and expanding the applications of crystal structure data, the CCDC continues to drive innovation across multiple disciplines.

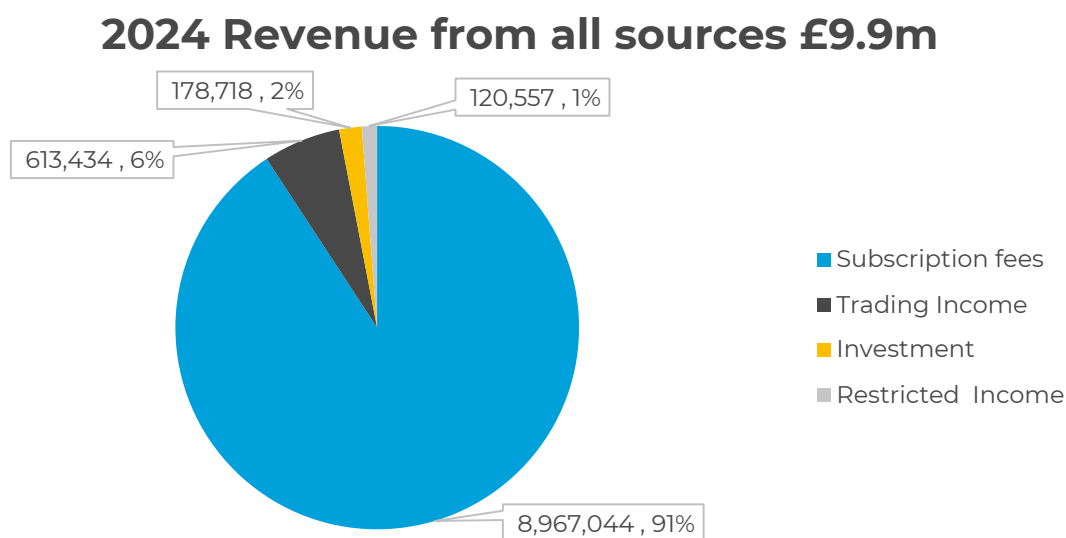
The CCDC's 2024 product releases demonstrate a high level of readiness to meet the evolving needs of researchers and industries worldwide. The organisation's proactive approach ensures that its resources remain at the forefront of scientific advancement.

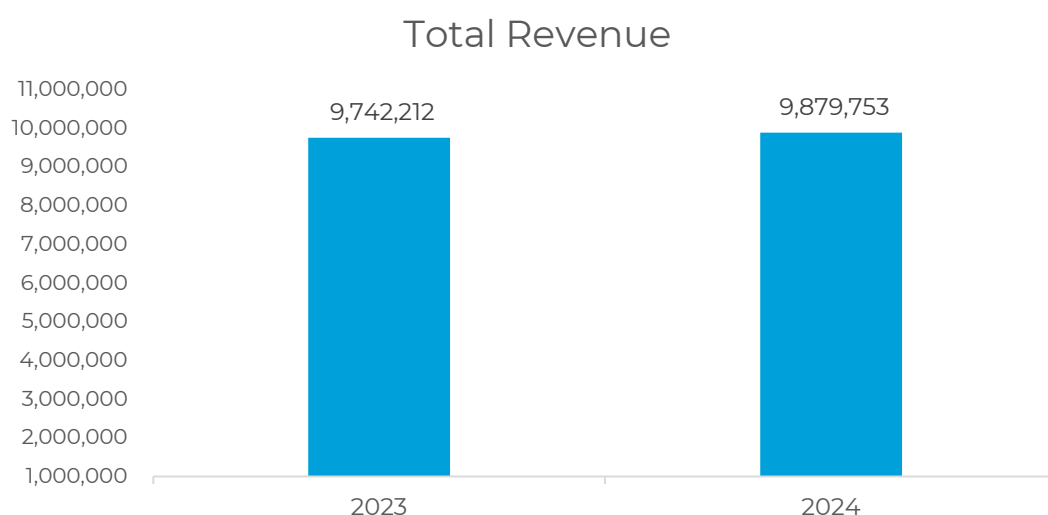
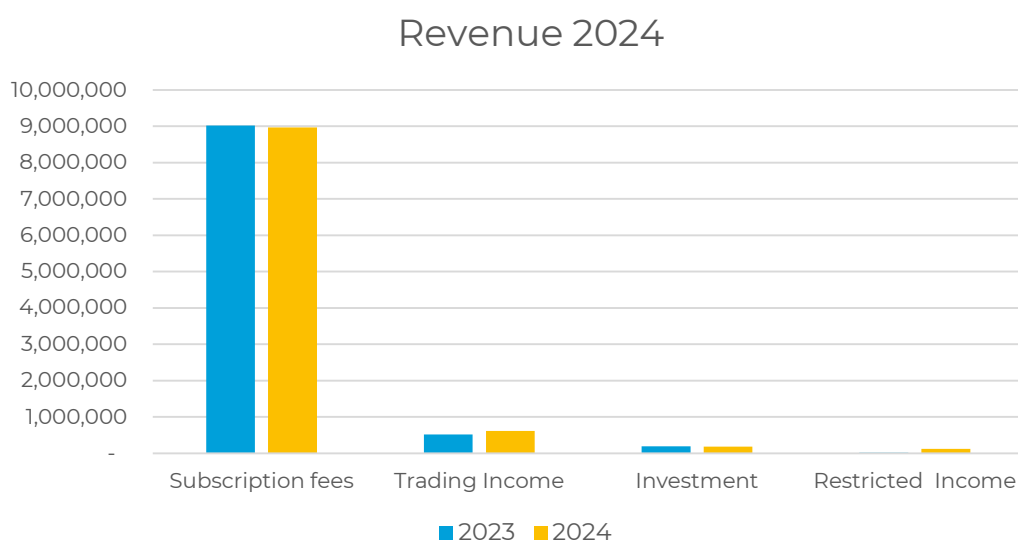
Financial review

Principal funding

The CCDC's principal funds arise from the subscription fee to the CSD and its associated scientific software. Its subscribers are academic research institutions from around the globe and industrial companies, mainly within the pharmaceutical and biotech sectors, with some in other sectors such as agrochemistry, functional materials, big tech, and the chemical industry. The annual contributions requested from the worldwide academic community are significantly discounted as compared to the contributions requested from industrial subscribers, and special consideration is given to academic users with financial need in historically underrepresented nations. CCDC aims to set income from academic institutions at a level required to maintain the CSD data content. Income from non-academic users meets the costs of developing the database, enterprise architecture, and related software. It enables the CCDC to invest in relevant scientific methods and applications' research and development.

The CCDC received government grants for specific projects (restricted income) during 2024. It also received donations from its trading subsidiary, CCDC Services Ltd, under a Deed of Covenant. The CCDC holds an investment portfolio from which it receives dividends that are reinvested starting from 2023. The charity began seeking to raise funds by way of donations via our website in late 2024, however, no funds have been received to date through this method. We do not have any volunteers to help with fundraising. No complaints have been received this year. The CCDC is not currently registered with the Fundraising Regulator. A breakdown of revenue can be seen below:





Revenue growth fell short of budget in 2024, increasing by just 1% compared to the previous year. This was due to a combination of fewer new subscribers and a high attrition rate. Total revenue for the year was £9,879,753 (2023: £9,742,212).

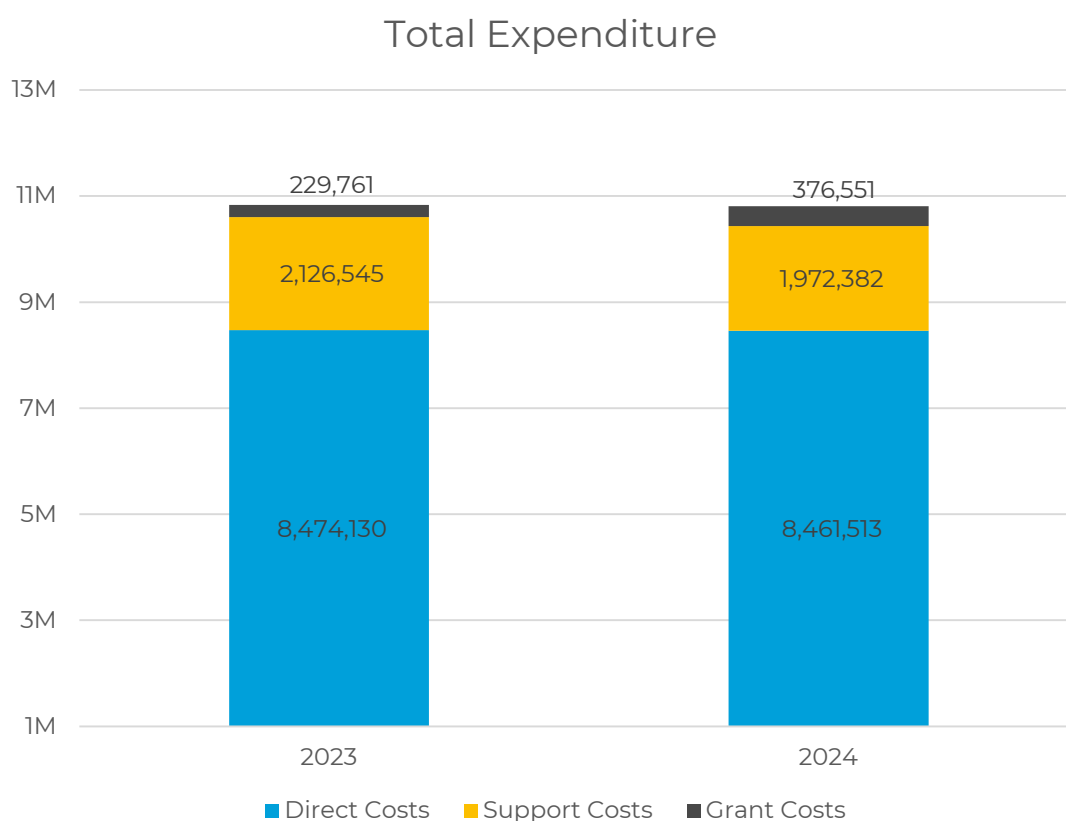
In 2024, we continued to promote the FAIRE program that provides free access to the CSD to users who may not otherwise have access; heavy subsidies are also provided to users who have limited funds. The total monetary value amounted to £609,659 (2023: £466,378k).

Expenditure

The activities undertaken in the year were carried out within the budget approved by the Trustees. All the expenditures were spent for CCDC's charitable purpose.

The total charitable expenditure in 2024 was £10,810,446, at the same level as 2023 (£10,830,435) before the pension adjustments.

A breakdown of the expenditure is shown below:



Direct costs are the costs resulted directly from undertaking the charitable activities, while support costs are the costs incurred to facilitate the activities. Direct Costs in 2024 remained at the same level as prior year (2024: £8,461,513; 2023: £8,474,130) while support costs decreased by 7% (2024: £1,972,382; 2023: £2,126,545).

Staff Costs

Staff costs continue to be the CCDC's largest expenditure. In response to the business downturn, the decision was made to reduce headcount. Between 1 January and 31 December 2024, the total number of staff across the Group decreased from 112 to 101. The CEO stepped down in November. Total staff costs for 2024 were £8,196,052 (2023: £7,878,070 before pension adjustment), reflecting a 4% increase. This rise was partly due to costs associated with redundancy packages implemented during the year.

Other operating costs

In response to challenging revenue growth, the Centre has implemented cost control measures to ensure financial stability. Consequently, recruitment costs have decreased compared to last year, from £152,186 in 2023 to £44,731 this year, as we have put recruitment on hold. Other operational costs, including maintenance of scientific equipment, attending scientific meetings, and production and distribution expenses, have remained at similar levels without any significant increase. These measures are designed to ensure that our resources are managed effectively. Overall, the total operating costs excluding salaries have decreased by 18% compared to 2023, from £2,722,605 to £2,237,843.

This year, grants for sponsoring research students totalled £376,551, nearly double the amount in 2023 (£229,761). One new student was sponsored in 2024, which was lower than

initially planned. However, a commitment of £330,000 was made to support students at four UK universities over the next five years. Currently, we are co-sponsoring 15 students (2023: 15) across nine UK universities and one Italian university.

The CCDC holds an investment portfolio that is managed by Newton Investment Management. It produced an unrealised gain of £485,886 (2023: gain £373,852). This brought the overall financial performance of the CCDC to a deficit of £444,861 in 2024 (2023: surplus £2,259,348).

Investment policy

Since 1987, CCDC has looked to build up its reserves to provide financial stability and to enable it to fund its research and development activities. The primary objective of the investment policy is to preserve the capital and income in the investment portfolio from inflation.

In 2015, the Board of Trustees reviewed the investment policy. As a result, Newton Investment Management Ltd were appointed as our investment managers and the monies were moved from the incumbent Investment Manager and invested into Newton Growth and Income Fund for Charities.

The investment policy sets no specific ethical constraints on the investment portfolio. However, the portfolio should be invested in a socially responsible manner and the investment manager of the portfolio is expected to consider environmental, social, and governance (ESG) issues in their investment analysis and decision-making process, engaging with company management where appropriate.

It is the practice that the investment advisers attend regular meetings of the Board of Trustees and report on the progress of the fund, and of the CCDC's investment into it. Detailed written reports are produced on a quarterly basis that value the portfolio and record its respective performance statistics. An integral part of the regular meetings is a detailed discussion on the content of the report with particular reference to the performance aspect. The table below shows the fund's performance in the last five years.

Fund performance calendar years %

	2024	2023	2022	2021	2020
Newton Growth and Income Fund for Charities - Net	9.36	8.56	-5.27	18.54	1.55
Newton Growth and Income Fund for Charities - Gross	10.02	9.21	-4.70	19.24	2.16
Performance Benchmark*	9.30	9.29	-6.69	13.34	1.06

The Executive Team at the CCDC review monthly reports from the investment managers. The Trustees review the performance of the investment portfolio on a half-yearly basis. A more formal independent review of the investment manager and investment policy is carried out at least every five years or more frequently if circumstances require. An independent review was carried out during 2020. The Board were satisfied with the performance of Newton Growth & Income Fund for Charities. It was decided by the Board at that time to continue investing with Newton.

Despite producing a positive return, the Fund's more cautious positioning ensured that it did not fully keep pace with the broad rally in financial assets. The Fund outperformed slightly against benchmark in 2024. The Board made the decision to reinvest dividends in

November 2022. The switch of fund from Income class to Accumulation class was implemented in January 2023. During 2024 £158,531 were reinvested (2023: £135,395). The value of the portfolio was £7,524,291 at the end of the year, representing an unrealised gain of £644,417 (2023: gain £373,852)



View of the CCDC Office

Reserves

CCDC's Reserves Policy is to maintain sufficient levels of reserves to enable normal operating activities to continue over a period of at least six months should a shortfall in income occur; the policy should take account of potential risks and contingencies that may arise from time to time. CCDC's Reserves Policy requires the retention of income sufficient to encompass:

- The balance on tangible and intangible fixed assets for use by the Charity to avoid having to liquidate functional assets to release cash less all loans associated directly with these assets.
- To cover 50% of the direct costs and support costs, agreed in the budget or at meetings of the Board of Trustees.
- Funds to enable designated expenses and provisions that are anticipated to be greater than £200,000 less any external funding of them.
- The reserves policy is reviewed annually to take into consideration perceived risks and opportunities.

During 2024, the board has approved to transfer the provision for pension fund £908k from designated fund to the general fund as the USS pension scheme is no longer in deficit based on the latest valuation.

At the end of 2024, CCDC's free reserve was £6,282k (2023: £5,735k). This is equivalent to approximately 60% of 2025 budgeted costs.

Our present position is:

	31 Dec 2024
Unrestricted Reserves	£8,821k
Designated Funds	
Fixed Asset Fund	£2,200k
Research and Development Fund	£173k
Sponsorship and Outreach Fund	£66k
Pension provision Fund	£0k
Sustainability Fund	£100k
Free Reserves	£6,282k

Structure, management, and governance

CCDC was incorporated as a Company Limited by Guarantee on 18 August 1987. It has no share capital and is a registered charity. The guarantee of each member is £1. The governing documents are the Articles of Association of the company (as amended May 2023).

In addition to CCDC, the charity operates the following subsidiaries:

- **CCDC Services Ltd** (formerly CCDC Software Ltd.) – a wholly owned trading subsidiary of the CCDC. It was established in 1998 to deliver bespoke software development as necessary to meet the requirements of CCDC's charitable status. Since 2015, its trading activities have evolved towards professional services from software development. 2019 was the first year when all its revenues arose from professional services. The CCDC's Board of Trustees and the Director of CCDC Software Ltd approved of the name change to best reflect the trading activities of the company in May 2019. The name change was officially registered with Companies House on 28th July 2019. The company is located at the same address as CCDC. The Directors of CCDC Services Limited consist of two trustees of the CCDC, an external Non-Executive Director, and the Chief Executive Officer of the CCDC. The Directors meet at least once a year. The Directors of the CCDC Services Limited do not receive remuneration for their service. An executive summary report of the key activities and performance of the entity is provided at the Board of Trustees' meeting.
- **CCDC Inc.** – is a wholly-owned service subsidiary of the CCDC incorporated in the state of New Jersey in September 2013, with legal address of One Boston Place, Suite 2600, Boston, MA 02108, USA. The fully virtual team spans the USA coast to coast, and works collaboratively with global colleagues, users, and the wider scientific community to advance the overall group mission across the Americas. They support Education & Outreach, Customer Support, Customer Success, Research, Partnerships, Business Development, and Marketing in the region on behalf of the parent company.

Governance

The Charity is governed by the Board of Trustees who delegate operational management to the Chief Executive Officer (CEO), supported by an Executive Leadership Team (ELT) covering all functions of the organisation, underpinned by decision making boards focussing on specific areas of the Centre.

In accordance with governing documents, potential Trustees are appointed by the Board based on recommendations by the Nominations Committee and on their specific skills, location, and diversity. Potential Trustees are sent an induction pack covering their obligations under Charity and Company Law, Articles of Association, Memorandum of Association and Codes of Practice, company policies, and a non-disclosure agreement. Potential Trustees are invited to attend Board meetings as observers. After that, the Board of Trustees and the individual consider their suitability to act as a Trustee ahead of their formal acceptance to the post at the Annual General Meeting (AGM). Upon acceptance and appointment, Trustees receive an induction to the business, which covers key aspects of the organisation, its operations, and salient Health and Safety information.

The Board of Trustees usually meets at the CCDC Cambridge UK office twice per annum in May and November, with two further virtual meetings in February and August. Working to a standing agenda, the meetings with the CEO and the ELT provide oversight on the performance and progress of the Charity in line with strategy. Progress reports from all functions are presented to the Board at these meetings from the corresponding executive

team members. In addition, the Board also receives management account reports regularly from the CEO and produced by CCDC's finance team, which include the financial performance, the investment performance and cash balances. The opportunity for all staff to interact with Trustees is encouraged and was specifically scheduled as part of the on-site meetings. All staff members have the option to ask questions in quarterly Q&A sessions at All-Staff meetings, where some trustees are usually present as well.

In addition to Board meetings, the Board members hold regular, quarterly, telephone update calls with the CEO to address any matters arising from the meetings in a timely manner, to address any issues that need action, or to discuss trends and any matters of interest to the advancement of the charity. In special cases, extra joint calls were convened as needed.

During 2024, meetings of the Board Committees, Nomination, Audit, Risk, and Remuneration were held in accordance with their terms of reference.

Nomination Committee

The purpose of the Nominations Committee is primarily to ensure that:

- The Board and its committees should have the appropriate balance of skills, experience, independence, and knowledge of CCDC to enable them to discharge their respective duties and responsibilities effectively.
- There should be a formal, rigorous, and transparent procedure for the appointment of new trustees to the Board of CCDC.
- There should be an efficient, fair, and thorough process on which the Nominations Committee leads for recommendations of appointments to the Board.

Audit Committee

The purpose of the Audit Committee is to ensure that:

- The Charity's annual accounts, budgets, forecasts, and plans are reflected accurately by management accounts and other financial reports presented to them by the finance team.

Remuneration Committee

The purpose of the Remuneration Committee is to ensure that:

- Assurance is provided to the Board that the CCDC has an effective and competitive People and Pay Strategy in place that supports the delivery of the Strategy, promoting an effective, productive, high-performing, and diverse workforce;
- All issues are overseen relating to the remuneration of staff, with specific responsibility for making recommendations to the Board regarding the Remuneration Policy and the Executive's remuneration.

Risk Committee

The purpose of the Risk Committee is primarily to ensure that:

- risks to the organisation (including its subsidiaries), assets, and reputation of CCDC are identified, assessed, and monitored;
- a risk management framework is created and implemented;
- a register of risks is maintained; and
- a disaster response strategy and business continuity plan are in place.

Management and staffing

The day-to-day management of the CCDC is delegated by the Board of Trustees to the CEO and operational management is supported by the ELT and other managers who, in 2024, were:

Jürgen Harter	Chief Executive Officer (Resigned 30 November 2024)
Suzanna Ward	Head of Data and Community
Jürgen Harter	Interim Head of Science (to 30 April 2024)
Garry O'Connor	Head of Science (Joined 1 May 2024)
Jonathan Betts	Head of Commercial
James Ellis	Head of Operations
Bing-Bing Waterman	Head of Finance
Maggie Brown	Head of Human Resources and Organisational Design (Resigned 31 March 2024)
Michelle Christie	Head of Human Resources and Organisational Design (from 1 April 2024)

These individuals are the key management personnel. They provide reports for the Board of Trustees in support of governance of the Charity and attend Board of Trustees meetings to present operational reports, position papers on topics of interest, and to regularly cover the centre's strategy.

Dr. Jürgen Harter decided to step down as CEO in November 2024. Since his appointment in 2018, Dr Harter led the Centre through sometimes challenging transformation. During his period of leadership, the Cambridge Structural Database has continued to grow, celebrating one million structures in 2019 and 1.25 million expert-curated experimental crystal structures in 2023. Dr Harter has personally engaged with scientists around the world, through regular conference presentations and visits to many countries.

The Trustees thanked Dr Harter for his contributions and wished him well in his next endeavours. Furthermore, the Trustees expect to recruit a replacement in 2025.

In the interim, the roles usually undertaken by the CEO will be covered by the Executive Leadership Team (ELT), under the guidance of the Trustees.

Remuneration Policy

The Board of Trustees give their time freely and no trustee received remuneration in the year. Details of Trustees' expenses are disclosed in Note 13 to the accounts. The Board of Trustees entrust the directing, controlling, running, and operation of the Charity to the CEO who is supported by key management personnel. The pay of the senior staff is reviewed annually and increased in accordance with the company pay policy, which is applicable to all CCDC staff and approved by the Board of Trustees as part of the budget approval process. Furthermore, the Remuneration Committee oversees any of the recommended salary changes, or any other changes to the organisation's pay policy and discusses trends in line with up-to-date benchmarking data provided by HR.

Risk management

The leadership team maintains a register of key risks to the organisation, which covers the following areas:

- Business: Staffing, External Dependencies, External Threats, Reputation
- Finance: Revenue, Expenditure, Financial Fraud
- Compliance: Health and Safety, Governance, GDPR
- Data and IT: Scientific Fraud, Protection of Data Assets, IT Infrastructure (hardware, software, and network) and cybersecurity
- Building: Infrastructure, Fire, Lease

Risk Register entries detail the likelihood and impact of risks occurring, the steps the organisation takes to mitigate these and areas where further action is required.

The Trustees have oversight of risks facing the organisation through the Risk Committee, which reviews the Risk Register at least once a year. Membership of the committee is kept under review. Day to day management of the risk register resides with the Head of Operations.

Key threat types and approaches are summarised in the table below:

Threat Type	Approach
Data Assets Our core mission in structural science is underpinned by the CSD, a high-quality database respected across our community.	<p>This data asset drives significant value for the CCDC and we continually invest in technology and quality management to ensure data is available, secure and trusted as the up-to-date single source of truth for our users.</p> <p>To support the integrity of the data, we have various methods to identify potentially fraudulent submissions to our database.</p> <p>We have been assessed by a 3rd party (CoreTrustSeal) to validate our approach.</p>
Business Performance The work of CCDC is almost entirely self-funded through licensing of software products, database subscriptions and associated services. In addition to product development, our work also covers scientific research, sponsorship of PhD studentships and training. Productivity improvements help us maximise the charitable impact of our income.	<p>Revenues and costs are budgeted annually with monthly assessments against the forecast at a departmental level. In 2025 we plan to diversify our income streams through higher grant income and new applications for our data.</p> <p>We maintain bank accounts in multiple currencies to avoid spot-price currency conversion rates into pound sterling.</p> <p>We keep our use of technologies and suppliers under review in order to support productivity improvements.</p> <p>Our product and service investments are kept under review, with a new team structure being implemented to drive customer centricity and</p>

	improved transparency around investment decisions.
Technology Generative AI approaches need high quality data assets such as the CSD to train on. Technology improvements can be used to abuse the open access versions of our offer.	We respond to unlicensed use of the CSD in alternative data model creations and we keep the licencing terms for such use under review. We monitor the use of our free to use services and vary our control measures to ensure our organisation remains financially viable. We keep our licencing technology under review to balance broad and easy adoption of our offer, without compromising authorised access. We have used the UK Government's highly respected CyberEssentials standard and other 3 rd party analyses to maintain appropriate levels of cyber-security.

Going concern

While 2024 presented significant challenges for the CCDC, it also highlighted our ability to adapt in the face of uncertainty. We navigated through economic pressures, declining market demands, and geopolitical uncertainties. Despite these headwinds, we remained focused on our long-term goals and took decisive actions to position the company for future success.

Although revenue growth fell short of our expectations, resulting in a deficit of £444,861 for the year, we proactively implemented measures to address the situation. During the year, we introduced cost-saving measures, including a recruitment freeze, travel restrictions, and headcount adjustments. These steps allowed us to maintain financial stability and focus on our core priorities.

Looking ahead, we acknowledge that some of these challenges will continue. However, we are taking steps to address them. We restructured our teams to ensure we deliver solutions that meet the needs of our users. Additionally, we placed more emphasis on grant applications this year which have been very successful so far. This provides us with the resources to invest in innovative solutions for the future.

While 2024 was not the year we had planned financially, the Centre remains robust. Our investment fund performed well, and we maintain strong assets and cash reserves, ensuring operational stability for the next 12 months and beyond. The Board has a reasonable expectation that the company has adequate resources to continue in operational existence for the foreseeable future.

The consolidated balance sheet shows a net current liability position of £236,069 at the year end (2023: net current asset of £231,359). This is due to a lower cash balance at the year end of £1,637,244. Creditors falling due within one year of £5,552,386 are mostly subscriptions in advance of £5,079,751.

Looking into the future

2025 will be the 60th anniversary of the CSD and we have a programme of events planned to celebrate what we have achieved in this era of data-led science and innovation. These events will seek to further our educational, training, and commercial impacts across the structural science landscape.

This anniversary coincides with the need to recruit a CEO. The focus in 2025 will be to recruit a leader who will deliver the next phase of the organisation's strategy. Leadership recruitment choices will benefit from a period of reflection by the Board of Trustees while issues such as AI, business models and other investment options are reviewed.

In 2025, we will continue to strengthen our collaborative working structure to drive the development of our science into products and services. This framework ensures leadership remains informed about progress, opportunities, and risks while supporting effective decision-making on priorities and investments.

To support our innovation roadmaps, we have made various grant applications in 2024. If awarded, that funding will be used to support and accelerate our innovation plans.

Our product roadmaps for 2025 will invest in the technologies required to provide better web access across our product suites as we migrate customers away from desktop applications where possible. At the heart of CCDC is the CSD, a certified and trusted database of fully curated and enhanced organic and metal-organic experimental structures, used by researchers across the globe, and available both on-premise or in the cloud. Our investment in this key asset for chemical structural science continues and in 2025, we expect to migrate to a new technology which will facilitate smaller and easier to install downloads for desktop users but contain more data fields and reduce the costs of testing and production.



Timeline of the CCDC and the Cambridge Structural Database

Reference and administrative details of the Charity, its trustees and advisers

FOR THE YEAR ENDED 31 DECEMBER 2024

Trustees

Dr Dave Martinsen (Retired 17 May 2024)

Professor Alessia Bacchi

Professor Jonathan M Goodman, Chair (to 17 May 2024)

Dr Nigel Pitchford, vice Chair (from 17 May 2024)

Professor Susan Bourne, Chair (from 17 May 2024)

Dr Ola Engkvist

Dr Ye Li

Professor Jennifer Martin

Anita De Waard (Appointed 26 September 2024)

Company Secretary (Appointed 16 May 2024)

HS Secretarial Limited

50/60 Station Road

Cambridge

CB1 2JH

Company registered number 02155347

Charity registered number 800579

Registered office

12 Union Road

Cambridge

CB2 1EZ

Chief Executive Officer

Dr Juergen Harter (resigned 30 November 2024)

Independent auditors (Disengaged 30 August 2024)

Peters Elworthy & Moore

Chartered Accountants

Salisbury House

Station Road
Cambridge
CB1 2LA

MHA (Engaged 23 September 2024)
Building 4
Foundation Park
Roxborough Way
Maidenhead
SL6 3 UD

Bankers

Barclays Bank Plc
Cambridge
CB2 3AA

Lloyds Bank
PO Box 1000
Andover
BX1 1LT

Solicitors

HCR Hewitsons
50-60 Station Road
Cambridge
CB1 2JH

Investment Advisers

Newton Investment Management Limited
160 Queen Victoria Street
London
EC4V 4LA

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

STATEMENT OF TRUSTEES' RESPONSIBILITIES
FOR THE YEAR ENDED 31 DECEMBER 2024

The Trustees (who are also the directors of the Charity for the purposes of company law) are responsible for preparing the Trustees' Report including the Strategic 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 Trustees to prepare financial statements for each financial year. Under company law, the Trustees must not approve the financial statements unless they are satisfied that they give a true and fair view of the state of affairs of the Group and the Charity and of their incoming resources and application of resources, including their income and expenditure, for that period. In preparing these financial statements, the Trustees are required to:

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

The Trustees are responsible for keeping adequate accounting records that are sufficient to show and explain the Group and the Charity's transactions and disclose with reasonable accuracy at any time the financial position of the Group and the Charity and enable them to ensure that the financial statements comply with the Companies Act 2006. They are also responsible for safeguarding the assets of the Group and the Charity and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Approved by order of the members of the Board of Trustees on 22 May 2025 and signed on its behalf by:

S Bourne

.....
Prof S Bourne
Chair of the Board of Trustees

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE

Opinion

We have audited the financial statements of The Cambridge Crystallographic Data Centre (the 'parent charitable company') and its subsidiaries (the 'group') for the year ended 31 December 2024 which comprise the Consolidated Statement of Financial Activities, the Consolidated Balance Sheet, the Charity Balance Sheet, the Consolidated Statement of Cash Flows and the related notes, including a summary of significant accounting policies. The financial reporting framework that has been applied in their preparation is applicable law and United Kingdom Accounting Standards, including Financial Reporting Standard 102 'The Financial Reporting Standard applicable in the UK and Republic of Ireland' (United Kingdom Generally Accepted Accounting Practice).

In our opinion the financial statements:

- give a true and fair view of the state of the Group's and of the parent charitable company's affairs as at 31 December 2024 and of the Group's incoming resources and application of resources, including its income and expenditure for the year then ended;
- have been properly prepared in accordance with United Kingdom Generally Accepted Accounting Practice; and
- have been prepared in accordance with the requirements of the Companies Act 2006.

Basis for opinion

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

Conclusions relating to going concern

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

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

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

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE (CONTINUED)

Other information

The other information comprises the information included in the Annual Report other than the financial statements and our Auditor's Report thereon. The Trustees are responsible for the other information contained within the Annual Report. Our opinion on the financial statements does not cover the other information and, except to the extent otherwise explicitly stated in our report, we do not express any form of assurance conclusion thereon. Our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the course of the audit, or otherwise appears to be materially misstated. If we identify such material inconsistencies or apparent material misstatements, we are required to determine whether this gives rise to a material misstatement in the financial statements themselves. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact.

We have nothing to report in this regard.

Opinion on other matters prescribed by the Companies Act 2006

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

- the information given in the Trustees' Report including the Strategic Report for the financial year for which the financial statements are prepared is consistent with the financial statements.
- the Trustees' Report and the Strategic Report have been prepared in accordance with applicable legal requirements.

Matters on which we are required to report by exception

In the light of our knowledge and understanding of the charitable company and its environment obtained in the course of the audit, we have not identified material misstatements in the Trustees' Report including the Strategic Report.

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

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

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE (CONTINUED)

Responsibilities of trustees

As explained more fully in the Trustees' Responsibilities Statement, the Trustees (who are also the directors of the charitable company for the purposes of company law) are responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view, and for such internal control as the Trustees determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

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

Auditor's responsibilities for the audit of the financial statements

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

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

- Enquiry of management around actual and potential litigation and claims;
- Performing audit work over the risk of management override of controls, including testing of journal entries and other adjustments for appropriateness, evaluating the business rationale of significant transactions outside the normal course of business and reviewing accounting estimates for bias;
- Reviewing minutes of meetings of those charged with governance;
- Reviewing financial statement disclosures and testing to supporting documentation to assess compliance with laws and regulations.

Because of the inherent limitations of an audit, there is a risk that we will not detect all irregularities, including those leading to a material misstatement in the financial statements or non-compliance with regulation. This risk increases the more that compliance with a law or regulation is removed from the events and transactions reflected in the financial statements, as we will be less likely to become aware of instances of non-compliance. The risk is also greater regarding irregularities occurring due to fraud rather than error, as fraud involves intentional concealment, forgery, collusion, omission or misrepresentation.

A further description of our responsibilities for the audit of the financial statements is located on the Financial Reporting Council's website at: www.frc.org.uk/auditorsresponsibilities. This description forms part of our Auditor's Report.

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE (CONTINUED)

Use of our report

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

CAR

Carina Ralfs MSci (Hons) PhD FCA (Senior Statutory Auditor)

for and on behalf of

MHA

Maidenhead, United Kingdom

Date: 27/05/2025

MHA is the trading name of MHA Audit Services LLP, a limited liability partnership in England and Wales (registered number OC455542).

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

**CONSOLIDATED STATEMENT OF FINANCIAL ACTIVITIES (INCORPORATING INCOME AND EXPENDITURE ACCOUNT)
FOR THE YEAR ENDED 31 DECEMBER 2024**

	Note	Unrestricted funds 2024 £	Restricted funds 2024 £	Total funds 2024 £	Total funds 2023 £
Income from:					
Donations and legacies	4	55	-	55	14,323
Charitable activities	5	8,966,989	120,557	9,087,546	9,024,345
Other trading activities	7	613,434	-	613,434	514,516
Investments	8	178,718	-	178,718	189,028
Total income		9,759,196	120,557	9,879,753	9,742,212
Expenditure on:					
Charitable activities	11	10,625,126	185,320	10,810,446	10,830,435
Other expenditure	10	-	-	-	(2,992,780)
Total expenditure		10,625,126	185,320	10,810,446	7,837,655
Net (expenditure)/income before net gains on investments		(865,930)	(64,763)	(930,693)	1,904,557
Net gains on investments	15	485,886	-	485,886	373,852
Net (expenditure)/income		(380,044)	(64,763)	(444,807)	2,278,409
Transfers between funds	19	(49,303)	49,303	-	-
Net movement in funds before other recognised gains/(losses)		(429,347)	(15,460)	(444,807)	2,278,409
Other recognised gains/(losses):					
Other losses		(54)	-	(54)	(19,061)
Net movement in funds		(429,401)	(15,460)	(444,861)	2,259,348
Reconciliation of funds:					
Total funds brought forward		9,250,531	7,406	9,257,937	6,998,589
Net movement in funds		(429,401)	(15,460)	(444,861)	2,259,348
Total funds carried forward		8,821,130	(8,054)	8,813,076	9,257,937

The Consolidated Statement of Financial Activities includes all gains and losses recognised in the year.

The notes on pages 42 to 70 form part of these financial statements.

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)
REGISTERED NUMBER: 02155347

CONSOLIDATED BALANCE SHEET
AS AT 31 DECEMBER 2024

	Note	2024 £	2023 £
Fixed assets			
Tangible assets	14	2,200,117	2,294,452
Investments	15	7,524,291	6,879,874
		<u>9,724,408</u>	<u>9,174,326</u>
Current assets			
Debtors	16	3,752,830	3,483,444
Cash at bank and in hand		1,637,244	2,631,111
		<u>5,390,074</u>	<u>6,114,555</u>
Creditors: amounts falling due within one year	17	(5,626,143)	(5,883,196)
Net current liabilities / assets		<u>(236,069)</u>	<u>231,359</u>
Total assets less current liabilities		<u>9,488,339</u>	<u>9,405,685</u>
Creditors: amounts falling due after more than one year	18	(675,263)	(147,748)
Total net assets		<u>8,813,076</u>	<u>9,257,937</u>
Charity funds			
Restricted funds	19	(8,054)	7,406
Unrestricted funds	19	8,821,130	9,250,531
Total funds		<u>8,813,076</u>	<u>9,257,937</u>

The Trustees acknowledge their responsibilities for complying with the requirements of the Act with respect to accounting records and preparation of financial statements.

The financial statements were approved and authorised for issue by the Trustees and signed on their behalf by:

S Bourne

.....
Prof S Bourne
Chair of the Board of Trustees
Date: 23 May 2025

The notes on pages 42 to 70 form part of these financial statements.

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)
REGISTERED NUMBER: 02155347

CHARITY BALANCE SHEET
AS AT 31 DECEMBER 2024

	Note	2024 £	2023 £
Fixed assets			
Tangible assets	14	2,200,117	2,294,452
Investments	15	7,687,780	7,043,363
		<u>9,887,897</u>	<u>9,337,815</u>
Current assets			
Debtors	16	3,530,097	3,777,624
Cash at bank and in hand		977,276	1,940,014
		<u>4,507,373</u>	<u>5,717,638</u>
Creditors: amounts falling due within one year	17	(5,552,386)	(5,850,491)
Net current liabilities		<u>(1,045,013)</u>	<u>(132,853)</u>
Total assets less current liabilities		<u>8,842,884</u>	<u>9,204,962</u>
Creditors: amounts falling due after more than one year	18	(675,263)	(147,748)
Total net assets		<u><u>8,167,621</u></u>	<u><u>9,057,214</u></u>
Charity funds			
Restricted funds	19	(8,054)	7,406
Unrestricted funds	19	8,175,675	9,049,808
Total funds		<u><u>8,167,621</u></u>	<u><u>9,057,214</u></u>

The Charity's net movement in funds for the year was £(889,593) (2023 - £2,258,648).

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)
REGISTERED NUMBER: 02155347

CHARITY BALANCE SHEET (CONTINUED)
AS AT 31 DECEMBER 2024

The Trustees acknowledge their responsibilities for complying with the requirements of the Act with respect to accounting records and preparation of financial statements.

The financial statements were approved and authorised for issue by the Trustees and signed on their behalf by:

S Bourne

.....
Prof S Bourne
Chair of the Board of Trustees
Date: 23 May 2025

The notes on pages 42 to 70 form part of these financial statements.

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

CONSOLIDATED STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED 31 DECEMBER 2024

	2024	2023
	£	£
Cash flows from operating activities		
Net cash used in operating activities (note 21)	(989,662)	(1,417,284)
	<hr/>	<hr/>
Cash flows from investing activities		
Dividends, interests and rents from investments	178,718	189,028
Purchase of tangible fixed assets	(21,299)	(71,780)
Purchase of investments	(161,624)	(135,395)
	<hr/>	<hr/>
Net cash used in investing activities	(4,205)	(18,147)
	<hr/>	<hr/>
Cash flows from financing activities		
	<hr/>	<hr/>
Net cash provided by financing activities	-	-
	<hr/>	<hr/>
Change in cash and cash equivalents in the year	(993,867)	(1,435,431)
Cash and cash equivalents at the beginning of the year	2,631,111	4,066,542
	<hr/>	<hr/>
Cash and cash equivalents at the end of the year	1,637,244	2,631,111
	<hr/> <hr/>	<hr/> <hr/>

The notes on pages 42 to 70 form part of these financial statements

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

1. General information

The company is a company limited by guarantee. The members of the company are the Trustees named on page 30. In the event of the company being wound up, the liability in respect of the guarantee is limited to £1 per member of the company.

2. Accounting policies

2.1 Basis of preparation of financial statements

The financial statements have been prepared in accordance with the Charities SORP (FRS 102) - 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 2019), the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) and the Companies Act 2006.

The Cambridge Crystallographic Data Centre meets the definition of a public benefit entity under FRS 102. Assets and liabilities are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy.

The Consolidated Statement of Financial Activities (SOFA) and Consolidated Balance Sheet consolidate the financial statements of the Charity and its subsidiary undertaking. The results of the subsidiary are consolidated on a line by line basis.

The Charity has taken advantage of the exemption allowed under section 408 of the Companies Act 2006 and has not presented its own Statement of Financial Activities in these financial statements.

2.2 Going concern

The Cambridge Crystallographic Data Centre meets its day to day working capital requirements through the cash it holds and generates. The Charity undertakes a regular process of reviewing forecasts and projections to ensure that it has adequate resources for its continued operations and can draw on its investment portfolio to support its planned activities if required.

Management continuously reviews the trends in the biopharmaceutical market and wider growth trends in the technology and science fields. CCDC's data and scientific software offerings remain in good demand, and can furthermore help address new trends such as artificial intelligence, and the investments that are going into those efforts.

The consolidated balance sheet shows a net current liability position of £236,069 at the year end (2023: net current asset of £231,359). This is due to lower cash balance at the year end of £1,637,244. Creditors falling due within one year of £5,552,386 are mostly subscriptions in advance of £5,079,751.

The Trustees have a reasonable expectation that the Charity has adequate resources to continue operational existence for at least 12 months from date of approval of the accounts. For this reason, the Charity continues to adopt the going concern basis in preparing its financial statements

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

2. Accounting policies (continued)

2.3 Income

All income is recognised once the Charity has entitlement to the income, it is probable that the income will be received and the amount of income receivable can be measured reliably.

Subscription income is recognised over the period to which it relates, with income being received in advance deferred.

Trading income, consisting of software and consultancy advice is recognised as supplied while maintenance and support services are recognised over the period to which they relate.

Interest on funds held on deposit is included when receivable and the amount can be measured reliably by the company; this is normally upon notification of the interest paid or payable by the bank. Dividends are recognised once the dividend had been declared and notification has been received of the dividend due.

Grants are included in the Consolidated Statement of Financial Activities on a receivable basis. The balance of income received for specific purposes but not expended during the period is shown in the relevant funds on the Balance Sheet. Where income is received in advance of entitlement of receipt, its recognition is deferred and included in creditors as deferred income. Where entitlement occurs before income is received, the income is accrued.

2.4 Expenditure

Expenditure is recognised once there is a legal or constructive obligation to transfer economic benefit to a third party, it is probable that a transfer of economic benefits will be required in settlement and the amount of the obligation can be measured reliably.

Support costs are those costs incurred directly in support of expenditure on the objects of the company and include project management carried out at Headquarters. Governance costs are those incurred in connection with administration of the Charity and compliance with constitutional and statutory requirements.

Charitable activities and governance costs are costs incurred on the Charity's operations, including support costs and costs relating to the governance of the company apportioned to charitable activities based on staff roles and time.

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.

2.5 Termination payments

Termination payments are expensed when the Charity can no longer withdraw the offer of these payments.

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

2. Accounting policies (continued)

2.6 Foreign currencies

Monetary assets and liabilities denominated in foreign currencies are translated into sterling at rates of exchange ruling at the reporting date using HMRC monthly rate.

Transactions in foreign currencies are translated into sterling at the rate ruling on the date of the transaction.

Exchange gains and losses are recognised in the Consolidated Statement of Financial Activities.

2.7 Taxation

The Charity 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 Charity is potentially exempt from taxation in respect of income or capital gains received within categories covered by Chapter 3 Part 11 of the Corporation Tax Act 2010 or Section 256 of the Taxation of Chargeable Gains Act 1992, to the extent that such income or gains are applied exclusively to charitable purposes.

2.8 Tangible fixed assets and depreciation

Tangible fixed assets costing £10,000 or more are capitalised and recognised when future economic benefits are probable and the cost or value of the asset can be measured reliably.

A review for impairment of a fixed asset is carried out if events or changes in circumstances indicate that the carrying value of any fixed asset may not be recoverable. Shortfalls between the carrying value of fixed assets and their recoverable amounts are recognised as impairments. Impairment losses are recognised in the Statement of Financial Activities.

The cost of replacing and upgrading scientific computer equipment is written off as maintenance to scientific equipment in the income and expenditure account.

Assets in the course of construction are included at costs incurred to date. Depreciation on these assets is not charged until they are brought into use.

Tangible fixed assets are carried at cost, net of depreciation and any provision for impairment. Depreciation is provided at rates calculated to write off the cost of fixed assets, less their estimated residual value, over their expected useful life

Depreciation is provided on the following bases:

- Long-term leasehold property - 2% straight-line
- Fixtures, fittings and equipment - 25% reducing balance and 5 years straight line

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

2. Accounting policies (continued)

2.9 Investments

Fixed asset investments are a form of financial instrument and are initially recognised at their transaction cost and subsequently measured at fair value at the Balance Sheet date, unless the value cannot be measured reliably in which case it is measured at cost less impairment. Investment gains and losses, whether realised or unrealised, are combined and presented as 'Gains/(Losses) on investments' in the Consolidated Statement of Financial Activities.

Investments in subsidiaries are valued at cost less provision for impairment.

2.10 Debtors

Trade and other debtors are recognised at the settlement amount after any trade discount offered. Prepayments are valued at the amount prepaid net of any trade discounts due.

2.11 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.

2.12 Liabilities and provisions

Liabilities are recognised when there is an obligation at the Balance Sheet date as a result of a past event, it is probable that a transfer of economic benefit will be required in settlement, and the amount of the settlement can be estimated reliably.

Liabilities are recognised at the amount that the Charity anticipates it will pay to settle the debt or the amount it has received as advanced payments for the goods or services it must provide.

Provisions are measured at the best estimate of the amounts required to settle the obligation. Where the effect of the time value of money is material, the provision is based on the present value of those amounts, discounted at the pre-tax discount rate that reflects the risks specific to the liability. The unwinding of the discount is recognised in the Consolidated Statement of Financial Activities as a finance cost.

2.13 Financial instruments

The Group 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 with the exception of bank loans which are subsequently measured at amortised cost using the effective interest method.

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

2. Accounting policies (continued)

2.14 Pensions

The Charity participates in the Universities Superannuation Scheme, a defined benefit and defined contribution hybrid scheme which is externally funded and contracted out of the State Earnings-related Pension Scheme. The fund is valued every three years by a professionally qualified independent actuary using the projected unit method, the rates of contribution payable being determined by the trustees on the advice of the actuary. In the intervening years, the actuary reviews the progress of the scheme. Pension costs are accounted for over the period during which the Charity benefits from the employees services.

The Charity also participates in the Cambridge University Assistants' Contributory Pension Scheme (CUACPS) which is a defined benefit and defined contribution hybrid scheme. The Charity's contributions are affected by a surplus or deficiency in the CUACPS but the Charity is unable to identify its share of the underlying assets and liabilities in the Scheme on a consistent and reasonable basis. The Charity therefore accounts for its contributions to the CUACPS as if it were a defined contribution scheme.

The Charity operates a defined contribution plan for its employees. A defined contribution plan is a pension plan under which the Charity pays fixed contributions into a separate entity. Once the contributions have been paid the Charity has no further payment obligations.

The contributions are recognised as an expense in profit or loss when they fall due. Amounts not paid are shown in accruals as a liability in the Balance Sheet. The assets of the plan are held separately from the Charity in independently administered funds.

2.15 Fund accounting

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

Designated funds comprise unrestricted funds that have been set aside by the Trustees for particular purposes. The aim and use of each designated fund is set out in the notes to the financial statements.

Restricted funds are funds which are to be used in accordance with specific restrictions imposed by donors or which have been raised by the Group for particular purposes. The costs of raising and administering such funds are charged against the specific fund. The aim and use of each restricted fund is set out in the notes to the financial statements.

Investment income, gains and losses are allocated to the appropriate fund.

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

3. Critical accounting estimates and areas of judgement

Estimates and judgements are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances.

Critical accounting estimates and assumptions:

The Charity makes estimates and assumptions concerning the future. The resulting accounting estimates and assumptions will, by definition, seldom equal the related actual results. The estimates and assumptions that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are discussed below.

Critical areas of judgment:

FRS 102 makes the distinction between a group pension plan and a multi-employer pension scheme. A group plan consists of a collection of entities under common control typically with a sponsoring employer. A multi-employer scheme is a scheme for entities not under common control and represents (typically) an industry-wide scheme such as that provided by USS. The accounting for a multi-employer scheme where the employer has entered into an agreement with the scheme that determines how the employer will fund a deficit results in the recognition of a liability for the contributions payable that arise from the agreement (to the extent that they relate to the deficit) and the resulting expense is recognised in the Consolidated Statement of Financial Activities. The Executive Committee are satisfied that the scheme provided by USS meets the definition of a multi-employer scheme and has therefore recognised the discounted fair value of the contractual contributions under the funding plan in existence at the date of approving the financial statements.

4. Income from donations and legacies

	Unrestricted funds 2024 £	Restricted funds 2024 £	Total funds 2024 £	Total funds 2023 £
Donations	55	-	55	165
Grants	-	-	-	14,158
	<hr/> 55 <hr/>	<hr/> - <hr/>	<hr/> 55 <hr/>	<hr/> 14,323 <hr/>
Total 2023	<hr/> 165 <hr/>	<hr/> 14,158 <hr/>	<hr/> 14,323 <hr/>	

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

5. Income from charitable activities

	Unrestricted funds 2024 £	Restricted funds 2024 £	Total funds 2024 £	Total funds 2023 £
Scientific Activity - Subscription Fees	8,656,734	-	8,656,734	8,795,729
Grant income	146,079	120,557	266,636	29,712
Royalty income	164,176	-	164,176	198,904
	<u>8,966,989</u>	<u>120,557</u>	<u>9,087,546</u>	<u>9,024,345</u>
Total 2023	<u>8,994,633</u>	<u>29,712</u>	<u>9,024,345</u>	

6. Turnover

The whole of the turnover is attributable to the principal activities of the Charity.

A geographical split of turnover is disclosed as follows: United Kingdom 23% (2023 - 21%), Other EU 25% (2023 - 24%) and Rest of the World 52% (2023 - 55%).

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

7. Income from other trading activities

Income from non charitable trading activities

	Unrestricted funds 2024 £	Total funds 2024 £	Total funds 2023 £
Sales	613,434	613,434	514,516
	<hr/>	<hr/>	<hr/>
Total 2023	514,516	514,516	
	<hr/>	<hr/>	

The wholly owned trading subsidiary CCDC Services Limited is incorporated in the United Kingdom and pays all of its profits to the charity under a deed of covenant. The summary financial performance of the subsidiary is shown in note 15.

8. Investment income

	Unrestricted funds 2024 £	Total funds 2024 £	Total funds 2023 £
Investment income	154,344	154,344	162,743
Bank & other interest receivable	24,374	24,374	26,285
	<hr/>	<hr/>	<hr/>
	178,718	178,718	189,028
	<hr/>	<hr/>	<hr/>
Total 2023	189,028	189,028	
	<hr/>	<hr/>	

9. Analysis of grants

	Grants to Institutions 2024 £	Total funds 2024 £	Total funds 2023 £
Grants	376,551	376,551	229,761
	<hr/>	<hr/>	<hr/>
Total 2023	229,761	229,761	
	<hr/>	<hr/>	

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

9. Analysis of grants (continued)

The Group has made the following material grants to institutions during the year:

	2024	2023
	£	£
Name of institution		
Durham University	-	157,500
University of Southampton	-	3,455
University of Strathclyde	120,000	48,125
University of Oxford	84,000	-
University of Liverpool	165,000	-
University of Leeds	(11,827)	-
	357,173	209,080
Other grants to institutions	19,378	20,681
	376,551	229,761

10. Other expenditure

	Unrestricted funds 2024 £	Total funds 2024 £	Total funds 2023 £
USS pension provision movement (note 24)	-	-	(2,992,780)
	(2,992,780)	(2,992,780)	

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024**

11. Analysis of expenditure by activities

	Activities undertaken directly 2024 £	Grant funding of activities 2024 £	Support costs 2024 £	Total funds 2024 £	Total funds 2023 £
Scientific Activities	8,461,513	376,551	1,972,382	10,810,446	10,830,435
Total 2023	8,474,130	229,761	2,126,544	10,830,435	

In 2024, restricted expenditure amounted to £185,320 (2023: £87,475) and unrestricted expenditure was £10,625,126 (2023: £10,742,960).

Analysis of direct costs

	Activities 2024 £	Total funds 2024 £	Total funds 2023 £
Wages and salaries	7,120,280	7,120,280	6,957,618
Attendance at scientific meetings	279,525	279,525	282,580
Legal and other professional fees	3,528	3,528	2,747
Consultants	497,220	497,220	517,899
Maintenance of scientific equipment	425,997	425,997	450,257
Production and distribution costs	62,018	62,018	68,584
Difference on foreign exchange	44,047	44,047	117,043
Staff development	28,898	28,898	77,402
	8,461,513	8,461,513	8,474,130
Total 2023	8,474,130	8,474,130	

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024**

11. Analysis of expenditure by activities (continued)

Analysis of support costs

	Activities 2024 £	Total funds 2024 £	Total funds 2023 £
Staff costs	1,075,772	1,075,772	920,452
Depreciation	115,634	115,634	101,734
Consultancy	51,782	51,782	27,470
Telephone and network costs	14,649	14,649	15,823
Recruitment	44,731	44,731	152,186
Legal and other professional fees	76,198	76,198	167,208
Audit and accountancy	87,550	87,550	73,931
Banking costs	42,051	42,051	8,919
Difference on foreign exchange	27,019	27,019	169,612
Insurance	40,848	40,848	33,921
Premises costs	150,263	150,263	187,484
Bad debt expense	17,251	17,251	152
IT equipment, software and hardware	47,146	47,146	31,240
General expenses	57,248	57,248	48,398
Staff development	89,745	89,745	51,579
Finance cost of unwinding of discounting	-	-	96,448
Board meeting costs	34,495	34,495	39,987
	1,972,382	1,972,382	2,126,544
Total 2023	2,126,544	2,126,544	

12. Auditor's remuneration

	2024 £	2023 £
Fees payable to the Charity's auditor for the audit of the Charity's annual accounts	32,000	24,920
Fees payable to the Charity's auditor in respect of:		
All taxation advisory services not included above	1,330	6,768
All non-audit services not included above	5,350	16,698

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

13. Staff costs

	Group 2024 £	Group 2023 £	Charity 2024 £	Charity 2023 £
Wages and salaries	6,635,571	6,134,456	5,974,783	5,437,056
Social security costs	751,323	665,408	656,548	544,082
Other pension costs	809,158	1,078,206	758,867	1,027,523
USS pension provision movement (note 24)	-	(2,992,780)	-	(2,992,780)
	8,196,052	4,885,290	7,390,198	4,015,881

As a result of restructuring, during the year 10 employees received Payment In Lieu Of Notice totaling £234,507. Of these 10 employees 6 also received severance payments totaling £119,782.

The average number of persons employed by the Charity during the year was as follows:

	Group 2024 No.	Group 2023 No.	Charity 2024 No.	Charity 2023 No.
Office and administration	10	11	9	10
Technical	99	99	92	91
	109	110	101	101

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

13. Staff costs (continued)

The number of employees whose employee benefits (excluding employer pension costs) exceeded £60,000 was:

	Group 2024 No.	Group 2023 No.
In the band £60,001 - £70,000	14	12
In the band £70,001 - £80,000	8	10
In the band £80,001 - £90,000	7	5
In the band £90,001 - £100,000	8	3
In the band £100,001 - £110,000	-	1
In the band £110,001 - £120,000	2	3
In the band £120,001 - £130,000	1	-
In the band £130,001 - £140,000	-	1
In the band £150,001 - £160,000	1	-
In the band £160,001 - £170,000	-	1
In the band £310,001 - £320,000	1	-

The key management personnel of the charity comprise the trustees, the Chief Executive Officer and the Senior Leadership Management Team. One trustee received a leaving gift worth £221, no other trustees received any remuneration or benefits in kind from the charity (2023 - £NIL). The total employee benefits of the key management personnel, including employers' NIC and employers pension of the charity were £1,378,666 (2023 - £1,079,514).

A total of £19,301 (2023 - £9,843) was reimbursed or paid directly to 7 (2023 - 8) trustees in respect of travel and accommodation costs.

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

14. Tangible fixed assets

Group

	Long-term leasehold property £	Fixtures, fittings and equipment £	Assets under construction £	Total £
Cost or valuation				
At 1 January 2024	4,508,917	726,885	71,121	5,306,923
Additions	-	21,299	-	21,299
Disposals	-	(87,467)	-	(87,467)
Transfers between classes	-	71,121	(71,121)	-
At 31 December 2024	4,508,917	731,838	-	5,240,755
Depreciation				
At 1 January 2024	2,318,168	694,303	-	3,012,471
Charge for the year	90,180	25,454	-	115,634
On disposals	-	(87,467)	-	(87,467)
At 31 December 2024	2,408,348	632,290	-	3,040,638
Net book value				
At 31 December 2024	2,100,569	99,548	-	2,200,117
At 31 December 2023	2,190,749	32,582	71,121	2,294,452

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024**

14. Tangible fixed assets (continued)

Charity

	Long-term leasehold property £	Fixtures, fittings and equipment £	Assets under construction £	Total £
Cost or valuation				
At 1 January 2024	4,508,917	722,837	71,121	5,302,875
Additions	-	21,299	-	21,299
Disposals	-	(87,467)	-	(87,467)
Transfers between classes	-	71,121	(71,121)	-
At 31 December 2024	4,508,917	727,790	-	5,236,707
Depreciation				
At 1 January 2024	2,318,168	690,255	-	3,008,423
Charge for the year	90,180	25,454	-	115,634
On disposals	-	(87,467)	-	(87,467)
At 31 December 2024	2,408,348	628,242	-	3,036,590
Net book value				
At 31 December 2024	2,100,569	99,548	-	2,200,117
At 31 December 2023	2,190,749	32,582	71,121	2,294,452

15. Fixed asset investments

Group	Listed investments £
Cost or valuation	
At 1 January 2024	6,879,874
Additions	158,531
Revaluations	485,886
At 31 December 2024	7,524,291

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

15. Fixed asset investments (continued)

Charity	Investments in subsidiary companies £	Listed investments £	Total £
Cost or valuation			
At 1 January 2024	163,489	6,879,874	7,043,363
Additions	-	158,531	158,531
Revaluations	-	485,886	485,886
At 31 December 2024	163,489	7,524,291	7,687,780

All the listed fixed asset investments are held in the UK.

All investments are carried at their fair value. Investments in equities and fixed interest securities are all traded in quoted public markets, primarily the London Stock Exchange. Holdings in common investment funds, unit trusts and open-ended investment companies are at bid price. The basis of fair value for quoted investments is equivalent to the market value, using the bid price. Asset sales and purchases are recognised at the date of trade at cost (that is their transaction value).

The Charity does not make use of derivatives and similar complex financial instruments as it takes the view that investments are held for long term growth and annual income.

The Group has no material investment holdings in markets subject to exchange controls or trading restrictions.

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
(A Company Limited by Guarantee)

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

15. Fixed asset investments (continued)

Principal subsidiaries

The following were subsidiary undertakings of the Charity:

Names	Company number	Registered office or principal place of business	Principal activity
CCDC Services Limited	03483374	12 Union Road, Cambridge, CB2 1EZ	Provision of professional services for digital drug design and manufacture, and advanced training
CCDC Inc		One Boston Place, Suite 2600, Boston, MA 02108, United States	Provision of professional services for digital drug design and manufacture, and advanced training.

Class of shares	Holding	Included in consolidation
Ordinary	100%	Yes
Capital	100%	Yes

The financial results of the subsidiaries for the year were:

Names	Income £	Expenditure £	Profit/(Loss) / Surplus/ (Deficit) for the year £	Net assets £
CCDC Services Limited	617,796	(196,643)	421,153	2,118
CCDC Inc	949,825	(928,288)	21,537	385,727

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**NOTES TO THE FINANCIAL STATEMENTS
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16. Debtors

	Group 2024 £	Group 2023 £	Charity 2024 £	Charity 2023 £
Due within one year				
Trade debtors	3,115,568	2,892,364	2,968,807	2,755,451
Amounts owed by group undertakings	-	-	(23,771)	489,276
Other debtors	91,977	114,595	91,977	110,854
Prepayments and accrued income	545,285	476,485	493,084	422,043
	3,752,830	3,483,444	3,530,097	3,777,624

17. Creditors: Amounts falling due within one year

	Group 2024 £	Group 2023 £	Charity 2024 £	Charity 2023 £
Trade creditors	38,828	144,366	38,460	132,287
Amounts owed to group undertakings	-	-	61,664	67,162
Other taxation and social security	300,965	218,353	279,756	200,675
Other creditors	114,221	312,338	114,221	312,338
Accruals and deferred income	5,172,129	5,208,139	5,058,285	5,138,029
	5,626,143	5,883,196	5,552,386	5,850,491

	Group 2024 £	Group 2023 £	Charity 2024 £	Charity 2023 £
Deferred income at 1 January 2024	5,239,996	4,904,595	5,191,138	4,879,595
Resources deferred during the year	5,349,639	5,239,996	5,255,045	5,191,138
Amounts released from previous periods	(5,239,996)	(4,904,595)	(5,191,138)	(4,879,595)
	5,349,639	5,239,996	5,255,045	5,191,138

Deferred income relates to subscriptions received in advance of which £5,079,751 (2023: £5,092,248) relates to amounts due within 1 year and £269,888 (2023: £147,748) relates to amounts due after 1 year. Refer to note 18 for the details on amounts due after 1 year.

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FOR THE YEAR ENDED 31 DECEMBER 2024**

18. Creditors: Amounts falling due after more than one year

	Group 2024 £	Group 2023 £	Charity 2024 £	Charity 2023 £
Other creditors	405,375	-	405,375	-
Accruals and deferred income	269,888	147,748	269,888	147,748
	675,263	147,748	675,263	147,748

19. Statement of funds

Statement of funds - current year

	Balance at 1 January 2024 £	Income £	Expenditure £	Transfers in/out £	Gains/ (Losses) £	Balance at 31 December 2024 £
Unrestricted funds						
Designated funds						
Fixed Asset Fund	2,294,451	-	(115,633)	21,299	-	2,200,117
Research and Development Fund	173,406	-	-	-	-	173,406
Sponsorship and Outreach Fund	40,945	-	(376,551)	401,000	-	65,394
CSD and Sustainability Fund	100,086	-	-	-	-	100,086
Pension Provision Fund	908,000	-	-	(908,000)	-	-
	3,516,888	-	(492,184)	(485,701)	-	2,539,003

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
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**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024**

19. Statement of funds (continued)

	Balance at 1 January 2024 £	Income £	Expenditure £	Transfers in/out £	Gains/ (Losses) £	Balance at 31 December 2024 £
General funds						
General Funds	5,733,643	9,759,196	(10,132,942)	436,398	485,832	6,282,127
Total Unrestricted funds	9,250,531	9,759,196	(10,625,126)	(49,303)	485,832	8,821,130
Restricted funds						
BioChem GRAPH	7,406	-	(21,874)	6,414	-	(8,054)
ROYCE grant	-	7,132	(30,241)	23,109	-	-
Google Ad grant	-	70,125	(70,125)	-	-	-
Regulatory Network Grant	-	13,630	(13,630)	-	-	-
SHARPEN grant	-	29,670	(49,450)	19,780	-	-
	7,406	120,557	(185,320)	49,303	-	(8,054)
Total of funds	9,257,937	9,879,753	(10,810,446)	-	485,832	8,813,076

THE CAMBRIDGE CRYSTALLOGRAPHIC DATA CENTRE
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NOTES TO THE FINANCIAL STATEMENTS
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19. Statement of funds (continued)

Statement of funds - prior year

	Balance at 1 January 2023 £	Income £	Expenditure £	Transfers in/out £	Gains/ (Losses) £	Balance at 31 December 2023 £
Unrestricted funds						
Designated funds						
Fixed Asset Fund	2,324,407	-	(101,735)	71,779	-	2,294,451
Research and Development Fund	173,406	-	-	-	-	173,406
Sponsorship and Outreach Fund	20,122	-	(229,177)	250,000	-	40,945
CSD and Sustainability Fund	100,086	-	-	-	-	100,086
Pension Provision Fund	908,000	-	-	-	-	908,000
	<u>3,526,021</u>	<u>-</u>	<u>(330,912)</u>	<u>321,779</u>	<u>-</u>	<u>3,516,888</u>
General funds						
General Funds	<u>3,451,668</u>	<u>9,698,342</u>	<u>(7,419,268)</u>	<u>(351,890)</u>	<u>354,791</u>	<u>5,733,643</u>
Total Unrestricted funds	<u>6,977,689</u>	<u>9,698,342</u>	<u>(7,750,180)</u>	<u>(30,111)</u>	<u>354,791</u>	<u>9,250,531</u>

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NOTES TO THE FINANCIAL STATEMENTS
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19. Statement of funds (continued)

	Balance at 1 January 2023 £	Income £	Expenditure £	Transfers in/out £	Gains/ (Losses) £	Balance at 31 December 2023 £
Restricted funds						
BioChem GRAPH	20,900	13,498	(26,992)	-	-	7,406
ROYCE grant	-	16,214	(46,325)	30,111	-	-
Google Ad grant	-	14,158	(14,158)	-	-	-
	<u>20,900</u>	<u>43,870</u>	<u>(87,475)</u>	<u>30,111</u>	<u>-</u>	<u>7,406</u>
Total of funds	<u>6,998,589</u>	<u>9,742,212</u>	<u>(7,837,655)</u>	<u>-</u>	<u>354,791</u>	<u>9,257,937</u>

NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

19. Statement of funds (continued)

The purpose of funds above are detailed as follows:

DESIGNATED FUNDS:

Fixed Asset Fund: This fund represents the balance of the groups' reserves held as fixed assets. The transfer represents movements to fixed assets in the year.

Research and Development Fund: This fund finances research activities and makes grants for research where general funds are not available for this purpose.

Sponsorship and Outreach Fund: This fund supports the cost of funding studentships worldwide.

CSD and Sustainability Fund: This fund is established to provide support in the event of unexpected legal, legislative or regulatory events which might have a negative effect on the Centre.

Pension Provision Fund: a designated fund set up to provide provision to cover any future deficit in the pension scheme. The USS pension is no longer in deficit based on the actuarial report 2024. The Board approved of the transfer of the the provision from Designated Fund to General Fund during the year.

RESTRICTED FUNDS:

Google Ad: CCDC receives a Google Ads Grant, as part of Google's programme to support nonprofits (<https://www.google.co.uk/grants/>). This awards us a monthly sum (max \$10,000) to spend on Google advertising, which we use to promote our Access Structures service, training and learning resources, teaching materials, and events — all of which are free resources for the community. We also promote our general about us video using the grant, to raise awareness of the CCDC and our charitable activities as a whole.

BioChemGRAPH: The BioChemGRAPH project aims to establish a collaboration between PDBe, ChEMBL and CCDC to create an easily accessible resource that integrates structural, functional and biochemical annotations of small molecule data into one place. This project will promote interoperability between small molecule resources by implementing common data standards. The project also aims to improve the findability and accessibility of small molecule annotations via uniform data access mechanisms and develop intuitive web components to visualise these valuable data through web interfaces. It will significantly increase the synergies between structural and biochemical data and will lead to increased understanding of the role of small molecules in biological systems and translational research in a number of areas, including synthetic biology, target validation, and drug development. The project started on 2 November 2020 and will last 36 months. The project was extended by 12 months to 2 November 2024 due to changes in partner institute. BioChemGRAPH was funded by BBSRC, 20% of the costs will be covered by the general fund.

ROYCE: This project was an effort to augment the crystal structure data within the CSD, with calculated physical property data, of relevance to Organic Semi-Conductor (OSC) design. Following the Q4 2024 data release, researchers will be able to place the results of their own proposed OSC's, within the context of all known OSCs in the CSD; alongside understanding molecular properties such as HOMO-LUMO Gap and singlet state energies, the major barrier to widespread adoption of OSC is the tuning of crystallographic dependent properties, such as transfer integral and dynamic disorder. This project has delivered a platform for assessing proposed OSCs rapidly. The grant was funded by Henry Royce Institute. It started on 1 October 2023 with a completion date of 29 February 2024.

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**NOTES TO THE FINANCIAL STATEMENTS
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19. Statement of funds (continued)

Regulatory network: The Regulatory Network grant was the Discovery Phase of a two phase competition to create Centres for Excellence in Regulatory Science and Innovation (CERSIs) for the UK. This grant involved building a consortium to prepare a proposal for the Implementation Phase of this competition to create a CERSI for Digital Chemistry Manufacturing and Control (CMC). This second proposal was successfully funded.

Sharpen: The SHARPEN grant intends to enable data sharing across the medicines manufacturing industry through a federated learning approach. The grant involves evolving CCDC's structural data platform to improve usability and data linking, and extending our Particle Informatics models.

20. Analysis of net assets between funds

Analysis of net assets between funds - current period

	Unrestricted funds 2024 £	Restricted funds 2024 £	Total funds 2024 £
Tangible fixed assets	2,200,117	-	2,200,117
Fixed asset investments	7,524,291	-	7,524,291
Current assets	5,398,128	(8,054)	5,390,074
Creditors due within one year	(5,626,143)	-	(5,626,143)
Creditors due in more than one year	(675,263)	-	(675,263)
Total	8,821,130	(8,054)	8,813,076

Analysis of net assets between funds - prior period

	Unrestricted funds 2023 £	Restricted funds 2023 £	Total funds 2023 £
Tangible fixed assets	2,294,452	-	2,294,452
Fixed asset investments	6,879,874	-	6,879,874
Current assets	6,107,149	7,406	6,114,555
Creditors due within one year	(5,883,196)	-	(5,883,196)
Creditors due in more than one year	(147,748)	-	(147,748)
Total	9,250,531	7,406	9,257,937

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NOTES TO THE FINANCIAL STATEMENTS
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21. Pension commitments

The Group operates a defined benefit pension scheme.

The total pension cost for the Group for the period was £809,158 (2023 - £1,078,206).

The Charity's employees belong to two principal pension schemes, the Universities Superannuation Scheme (USS) and the Cambridge University Assistants' Contributory Pension Scheme (CUACPS).

In 2022 the Charity added a third pension scheme, a defined contribution scheme. The assets of the scheme are held separately from those of the Group in an independently administered fund. The pension cost charge represents contributions payable by the Group to the fund.

CCDC Inc operates a defined contribution scheme. The assets of the scheme are held separately from those of the Group in an independently administered fund. The pension cost charge represents contributions payable by the Group to the fund and amounted to £50,291 (2023 - £50,683). No amounts were outstanding at the year end (2023 - £nil).

Universities Superannuation Scheme

The Charity participates in the Universities Superannuation Scheme (USS), a defined benefit scheme which is contracted out of the State Second Pension (S2P). The assets of the scheme are held in a separate fund administered by the trustee, Universities Superannuation Scheme Limited.

The 2023 valuation was the seventh valuation for the scheme under the scheme-specific funding regime introduced by the Pensions Act 2004, which requires schemes to have sufficient and appropriate assets to cover their technical provisions. At the valuation date, the value of the assets of the scheme was £73.1 billion and the value of the scheme's technical provisions was £65.7 billion indicating a surplus of £7.4 billion and a funding ratio of 111%.

The key financial assumptions used in the 2023 valuation are described below. More detail is set out in the Statement of Funding Principles (uss.co.uk/about-us/valuation-and-funding/statement-of-fundingprinciples).

Price inflation - Consumer Prices Index (CPI)	3.0% pa (based on a long term average expected level of CPI, broadly consistent with long term market expectations)
RPI/CPI gap	1.0% pa to 2023, reducing to 0.1% pa from 2030
Price inflation - Retail Prices Index (RPI)	In line with the CPI assumption plus the RPI/CPI gap (i.e. 4.0% pa to 2030, reducing to 3.1% from 2030)
Discounts rate Pre-retirement Post-retirement	Fixed interest gilt yield curve plus: 2.5% pa 0.9% pa
Pension increases (all subject to a floor of 0%)	Increases linked to CPI Benefits with no cap: CPI assumption + 3bps Benefits subject to a "soft cap" of 5% (providing inflationary increases up to 5%, and half of any excess inflation over 5% up to a maximum increase of 10%): CPI assumption - 3bps Increases capped at 2.5% (where applicable): CPI assumption - 96bps

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NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2024

21. Pension commitments (continued)

Mortality base table	101% of S2PMA "light" for males and 95% of S3PFA for females
Future improvements to mortality	CMI_2021 with a smoothing parameter of 7.5, an initial addition of 0.4% pa, 10% w2020 and w2021 parameters, and a long term improvement rate of 1.8% pa for males and 1.6% pa for females

Principal actuarial assumptions at the Balance Sheet date (expressed as weighted averages):

	At 31 December 2024 %	At 31 December 2023 %
Discount rate		5.54
Pension increases (CPI)		6
	At 31 December 2024 Years	At 31 December 2023 Years
Mortality rates (in years)		
- for a male aged 65 now	24	24
- at 65 for a male aged 45 now	25.6	25.6
- for a female aged 65 now	26	26
- at 65 for a female aged 45 now	27.4	27.4

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NOTES TO THE FINANCIAL STATEMENTS
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21. Pension commitments (continued)

Cambridge University Assistants' Contributory Pension Scheme

The Charity also participates in the Cambridge University Assistants' Contributory Pension Scheme (CUACPS) which is a defined benefit scheme. The Charity's contributions are affected by a surplus or deficiency in the CUACPS but the Charity is unable to identify its share of the underlying assets and liabilities in the Scheme on a consistent and reasonable basis. The Charity therefore accounts for its contributions to the CUACPS as if it were a defined contribution scheme.

The most recent full actuarial valuation of the CUACPS was carried out as at 31 July 2021 by an independent actuary, Robert Sweet, who is a Fellow of the Institute of Actuaries. He is not an employee or officer of the Charity. The CUACPS is not a closed scheme nor one in which the age profile of the active membership is rising significantly.

The method used in the actuarial valuation as at 31 July 2021 was the Projected Unit funding method. The main assumptions were:

Economic	
Discount rate:	RPI+1.9%
Asset return for Recover Plan:	RPI+1.9%
Rate of Salary increases:	4.5% for 21/22 and then CPI +1.5% thereafter
Rate of increases in pensions in payment	
- RPI max 12%, min 0%	based on yield curve rates
- RPI max 5%, min 0%	with appropriate caps and
- CPI max 5%, min 0%	collars
Rate of increases in pensions in deferment:	
- GMP	CPI +1.5%
- Pensions in excess of GMP	
- RPI	BoR yield curve
- CPI	RPI -1% to 2030 and RPI -0.1% from 2031
Assets & Expenses	
Valuation of assets:	Surrender value of the assets
Expenses:	
- Past service	1.0% of the liability excluding expenses
- Future service	0.9% of the Pensionable Salary
Pension Protection Fund levies:	Included in the future service cost expense
Demographic	
Rate of mortality:	115% of S3PMA pension mortality tables for males and 100% of S3PFA pension mortality tables for females.
Future Projected Improvements	CMI 2020
Long Term rates of improvement	1.25%pa
Additional internal rate of improvement	0.25%pa
Smoothing factor	7
Assumed Age at retirement:	
UNI 1	
- Active member	Males 64, Females 63
- Deferred members	Males 62, Females 61
UNI 2 & UNI 3	Males 65, Females 65
Proportion married	80% male at age 65 70% female at age 65
Age difference	Male assumed to be 3 years older than female Spouse.

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Value of benefits in respect of service on or before 31 July 2018:

Technical Provisions	[a]	£742,670,000
Market Value of Scheme Assets	[b]	£708,068,000
Past Service Surplus/(Deficit)	[b-a]	£34,602,000
Level of Funding of Past Service Benefit	[b]/[a]	95%

The Trustee and the University have agreed that Employer contributions should continue at the current rates. The Trustee and the University have also agreed that the Employer will continue to pay additional contributions of £14,595,000 p.a. over the period to 31 July 2023. The scheme's funding position will be re-examined as at 31 March 2023, using assumptions derived as set out in the Statement of Funding Principles dated 31 October 2022. If the funding level as at that date is below 95% then additional contributions will be payable from 1 August 2023 at the rate of £10,000,000 pa payable until July 2024.

The ongoing overall joint contribution rate for future service benefits, ignoring the past service position, is 12.2% of Pensionable Salaries. The split of this rate is shown below:

Pre 2013 Members paying additional contributions under Rule 45.6

- 21.2% pa of Pensionable Salaries (Salary Sacrifice Members); and
- 12.7% pa of Pensionable Salaries (Other Members).

Other pre 2013 Members paying

- 17.7% pa of Pensionable Salaries (Salary Sacrifice Members); and
- 12.7% pa of Pensionable Salaries (Other Members).

Post 2013 Members

- 8.2% pa of Pensionable Salaries (Salary Sacrifice Members); and
- 5.2% pa of Pensionable Salaries (Other Members).

22. Operating lease commitments

At 31 December 2024 the Group and the Charity had commitments to make future minimum lease payments under non-cancellable operating leases as follows:

	Group 2024 £	Group 2023 £	Charity 2024 £	Charity 2023 £
Not later than 1 year	46,246	-	46,246	-
Later than 1 year and not later than 5 years	51,003	-	51,003	-
	97,249	-	97,249	-

During the year the group had lease payments amounting to £47,834 relating to the EV lease scheme offered to employees.

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23. Related party transactions

In 2024 the following transactions took place between the Charity and its wholly owned subsidiary CCDC Services Limited:

The provision of management services by the Charity to the company of £190,224 (2023: £113,389). The transfer under deed of covenant of the trading profits of CCDC Services Limited to the Charity of £421,153 (2023: £375,887).

At the year end a balance of £397,382 (2023: £489,276) was owed to the Charity by CCDC Services Limited.

In 2024 the following transactions took place between the Charity and its wholly owned subsidiary CCDC Inc:

The provision of a sales office and related services by the company to the Charity of £947,781 (2023: £1,014,445).

At the year end a balance of £61,644 (2023: £67,162) was due to CCDC Inc by the Charity.

There were no other outstanding balances with related parties as at 31 December 2024 (2023 - £NIL).

Other expenses incurred by the Charity on behalf of CCDC Services amounts to £1,182.

Other expenses incurred by CCDC Inc on behalf of the Charity amounts to £7,745.



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carina.ralfs@mha.co.uk

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Event Log

23 May, 2025 11:56 BST	Email sent to susan.bourne@uct.ac.za
25 May, 2025 12:00 BST	Reminder email sent to susan.bourne@uct.ac.za
25 May, 2025 17:16 BST	Email link clicked by susan.bourne@uct.ac.za
25 May, 2025 17:16 BST	Form viewed by susan.bourne@uct.ac.za
25 May, 2025 17:16 BST	Email link clicked by susan.bourne@uct.ac.za
25 May, 2025 17:16 BST	Form viewed by susan.bourne@uct.ac.za
25 May, 2025 17:17 BST	Submission started by susan.bourne@uct.ac.za
25 May, 2025 17:17 BST	Submission completed by susan.bourne@uct.ac.za
25 May, 2025 17:17 BST	Email sent to carina.ralfs@mha.co.uk
27 May, 2025 08:14 BST	Email link clicked by carina.ralfs@mha.co.uk
27 May, 2025 08:14 BST	Form viewed by carina.ralfs@mha.co.uk
27 May, 2025 08:57 BST	Email link clicked by carina.ralfs@mha.co.uk
27 May, 2025 08:57 BST	Form viewed by carina.ralfs@mha.co.uk
27 May, 2025 09:02 BST	Submission started by carina.ralfs@mha.co.uk
27 May, 2025 09:03 BST	Submission completed by carina.ralfs@mha.co.uk