

Registered number: 06564642

Charity number: 1124840

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# **SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**

**(A Company Limited by Guarantee)**

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## **TRUSTEES' REPORT AND FINANCIAL STATEMENTS**

**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
**(A Company Limited by Guarantee)**

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**REFERENCE AND ADMINISTRATIVE DETAILS OF THE COMPANY, ITS TRUSTEES AND ADVISERS**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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<b>Trustees</b>	Dr Y Kim, President Prof S Chown Dr M Ravichandran Prof J Simoes Prof G Wilson Prof D Karentz
<b>Company registered number</b>	06564642
<b>Charity registered number</b>	1124840
<b>Registered office</b>	Scott Polar Research Institute Lensfield Road Cambridge CB2 1ER
<b>Executive officer</b>	Dr Eoghan Griffin
<b>Executive director</b>	Dr Chandrika Nath
<b>Independent auditors</b>	Peters Elworthy & Moore Chartered Accountants Salisbury House Station Road Cambridge CB1 2LA
<b>Bankers</b>	HSBC Cambridge Cambridgeshire CB2 3BZ
<b>Investment Managers</b>	Rathbone Investment Management Limited 8 Finsbury Circus London EC2M 7AZ

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**TRUSTEES' REPORT**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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The Trustees present their annual report together with the audited financial statements of the company for the 1 January 2021 to 31 December 2021. The Annual Report serves the purposes of both a Trustees' report and a directors' report under company law. The Trustees confirm that the Annual Report and financial statements of the charitable company comply with the current statutory requirements, the requirements of the charitable 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 (FRS102) (second edition of the Charities SORP (FRS102) October 2019).

Since the company qualifies as small under section 382 of the Companies Act 2006, the Strategic Report required of medium and large companies under the Companies Act 2006 (Strategic Report and Directors' Report) Regulations 2013 has been omitted.

**OBJECTIVES AND ACTIVITIES**

**a. POLICIES AND OBJECTIVES**

The Trustees have considered the charity's benefit to the public. The trustees confirm that they have paid due regard to the Charity Commission guidance on public benefit when reviewing the charity's aims and objectives as detailed below and in planning future activities.

The charity has two main objectives;

1) To advance and promote scientific knowledge, understanding and education on any aspect of the Antarctic region, on the role of the Antarctic region in the Earth system, and on the effect of global change on the Antarctic region; and

2) To initiate, facilitate, co-ordinate and encourage international scientific research activity in the Antarctic region, on the role of the Antarctic region in the Earth system, and on the effect of global change on the Antarctic region.

In addition the Charity may further the Objects in particular but not exclusively by:

(a) providing objective and independent scientific advice to the Parties to the Antarctic Treaty and other organisations on issues of science and conservation affecting the management of the Antarctic region and the Southern Ocean;

(b) facilitating free and unrestricted access to scientific data and information regarding the Antarctic region;

(c) developing scientific capacity in the Members of the Charity and young scientists, and to promote the incorporation of Antarctic science in education at all levels, and

(d) communicating scientific information about the Antarctic region to the public.



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**TRUSTEES' REPORT (CONTINUED)**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**OBJECTIVES AND ACTIVITIES (CONTINUED)**

**b. STRATEGIES AND ACTIVITIES FOR ACHIEVING OBJECTIVES**

A Strategic Plan for 2017-2022, titled "Connecting and Building Antarctic Research", was developed through 2015 and 2016 and was published in early 2017 (<https://www.scar.org/horizon/strategic-plans/>). Under this Strategic Plan, SCAR's vision is to create a legacy of Antarctic research as a foundation for a better future. In line with this vision, through scientific research and international cooperation SCAR will work towards a more thorough understanding of the nature of Antarctica, the role of Antarctica in the global system, and the character and effects of environmental change and human activities on Antarctica.

SCAR has in recent years focused its scientific efforts on its Scientific Research Programmes (SRPs) addressing major topical issues of the day, each of which has a lifetime of 8 years. Three new SRPs were approved in 2020 and began activities in early 2021:

- **Integrated Science to Inform Antarctic and Southern Ocean Conservation (Ant-ICON)** will answer fundamental science questions (as identified by the SCAR Horizon Scan) relating to the conservation and management of Antarctica and the Southern Ocean and focus on research to drive and inform international decision-making and policy change.
- **INStabilities and Thresholds in ANTarctica (INSTANT)** will address the first-order question about Antarctica's contribution to sea level. Encompassing geoscience, physical sciences and biological sciences, it aims to quantify the Antarctic ice sheet's contribution to past and future global sea-level change.
- **Near-term Variability and Prediction of the Antarctic Climate System (AntClimnow)** will investigate the prediction of near-term conditions in the Antarctic climate system on timescales of years to multiple decades. Taking an integrated approach, it will consider the Antarctic environment as a whole.

Links to individual groups and further details are provided at: <https://www.scar.org/science/srp/>.

SCAR also supports a variety of other scientific activities in which value is added to national efforts through international cooperation. These activities are coordinated by three Science Groups (SGs, for respectively Physical Sciences, Geosciences, and Life Sciences) and managed by Action Groups operating for short periods, and Expert Groups where more time is needed to achieve objectives. The Science Groups were referred to as "Standing Scientific Groups" prior to the 2016 Delegates meeting in Kuala Lumpur. All these groups are allocated funding by SCAR to carry out their activities (see <https://www.scar.org/about-us/scar-overview/>) and the reports are made freely available on the groups webpages (e.g. <https://www.scar.org/science/research-overview/>).

At the 2018 Delegates Meeting, a new Standing Committee for the Humanities and Social Sciences was (SC-HASS) was approved, which reflected the growth of the research area and the success of previous Expert Groups on History and Humanities and Social Sciences.

SCAR's Standing Committee on the Antarctic Treaty System has worked closely with the SGs and the SCAR Executive Committee (the Charity Trustees) to bring key scientific issues to the attention of the Antarctic Treaty Consultative Meeting and other bodies such as the Intergovernmental Panel on Climate Change (IPCC). These issues have a direct impact on environmental protection of the Antarctic region.

In order to improve the way in which data and information are managed and made available, SCAR has developed a Data Information Management Strategy in order to facilitate free and unrestricted access to scientific data and information regarding the Antarctic region (see <https://www.scar.org/scar-library/reports-and-bulletins/scar-reports/2712-scar-report-34/>). In recent years efforts have focussed on understanding how researchers search for data and on investigating the possibilities of a federated search tool.

SCAR has a Capacity Building, Education and Training Implementation plan (<https://www.scar.org/scar-library/reports-and-bulletins/scar-reports/2705-scar-report-27/>) outlining the strategy for increasing capacity in



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**TRUSTEES' REPORT (CONTINUED)**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**OBJECTIVES AND ACTIVITIES (CONTINUED)**

young and early career scientists (e.g. the SCAR Fellowship Programme), countries with less well developed Antarctic Programmes as well as promoting the incorporation of Antarctic science in education at all levels.

In 2020 a scoping group was convened to investigate the best way forward for SCAR to address issues of Equality, Diversity and Inclusion (EDI). The main proposal from the scoping group was for a dedicated SCAR Action Group on EDI to be recommended to SCAR Delegates, which would take forward the areas identified by the scoping group. The proposal was included as a recommendation in the CBET report delivered to Delegates in March 2021 and approved. More details are available at <https://www.scar.org/capacity-building/edi/home/>.

SCAR has, in addition, developed a strategy to meet the requirement to communicate scientific information about the Antarctic region to the public (<https://www.scar.org/scar-library/reports-and-bulletins/scar-reports/2703-scar-report-25/>). This plan is in the process of being updated internally by the Secretariat.

The SRPs are reviewed internally every 2 years, and externally at 4 years. The progress of all groups and the Secretariat against stated action plans is monitored annually.

**ACHIEVEMENTS AND PERFORMANCE**

**a. Review of activities**

The main highlight of 2021 was the launch of the three new Scientific Research Programmes: INStabilities and Thresholds in ANTArctica (INSTANT), Integrated Science to Inform Antarctic and Southern Ocean Conservation (Ant-ICON) and Near-term Variability and Prediction of the Antarctic Climate System (AntClimNow).

At the Antarctic Treaty Consultative Meeting (ATCM XLIII) held online in June, SCAR submitted eight Working Papers and ten Information Papers. The Paris Declaration, adopted at the close of the meeting, reinforced the value of SCAR in providing scientific advice. On December 1st 2021 Prof Steven Chown, SCAR Past President and Executive Committee member, delivered a keynote lecture at the Antarctic Parliamentarians' Assembly entitled "Climate Change and the Antarctic".

SCAR played a key role in the Southern Ocean Task Force which is coordinating the Southern Ocean contribution to the UN Decade of Ocean Science for Sustainable Development, including a major online workshop held in September 2021. Further details can be found at [www.sodecade.org](http://www.sodecade.org).

A cooperation agreement was renewed with the Asian Forum for Polar Sciences (AFoPS) and International Arctic Science Committee (IASC), and signed virtually by the Presidents of the organisations at the AFoPS AGM held in October 2021. SCAR began the process of developing its new Strategic Plan, to cover the 2023-2028 period and to be finalized at the 2022 Delegates Meeting.

SCAR organised two events at the UNFCCC COP26 meeting in Glasgow, November 2021: an official Side Event titled "Antarctic and Overshoot Scenarios: Risk of Irreversible Sea-Level rise" and, as part of Polar Oceans Day at the Cryosphere Pavilion, an event titled "Antarctic Marine Ecosystems Under Pressures: Protection Needs Action Locally and Globally". SCAR also joined a call for an UNFCCC Cryosphere Dialogue as part of future meetings. SCAR also featured in the BBC StoryWorks 'Unlocking Science' series with a dynamic article on "What Antarctica can teach us about climate change", which highlighted the work of SCAR SRPs both past and present.

Training, support and development of the Antarctic community continue to be fundamental to SCAR. In 2021, SCAR awarded five early-career Fellowships, with two further SCAR Fellowship applicants being funded by COMNAP, the Council of Managers of National Antarctic Programs. SCAR established a new Equality, Diversity and Inclusion (EDI) Action Group to consider how EDI issues can be effectively dealt with within SCAR and to



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**TRUSTEES' REPORT (CONTINUED)**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**OBJECTIVES AND ACTIVITIES (CONTINUED)**

identify practical actions aimed at correcting systemic discrimination in science.

Activities of Relevance to Objective 1 (promotion of scientific knowledge) plus (c) and (d) (capacity building and communications) of the Charity:

SCAR has a Capacity Building, Education and Training (CBET) Committee, a key activity of which is the Fellowship programme. SCAR is a co-sponsor with the International Arctic Science Committee (IASC) of the Association of Polar Early Career Scientists (APECS), which developed under the International Polar Year (IPY). The SCAR Fellowships continue to attract a large number of applications with 30 proposals received for the 2021 round. A total of 5 SCAR Fellowships were awarded from the available funds, with another 2 SCAR applicants funded by the Council of Managers of National Antarctic Programmes (COMNAP). The Fellowships are intended to allow early career researchers to carry out periods of research in a country different to their own and provide opportunities for networking and skill development. The 2021 SCAR cohort were from Germany, Brazil, Australia, Finland and Argentina. See <https://www.scar.org/general-scar-news/2021-fellow-awards/> for further details.

In 2013, SCAR introduced a new Visiting Professor scheme. This was jointly funded by India and SCAR for the inaugural year. The main aim of the scheme was to promote partnerships that advance Antarctic research in a country with a developing Antarctic programme.

In 2018 several changes were introduced with the aim of addressing a lack of diversity in the applications and to widen the scope of the capacity building proposed by the applicants. As a result, the scheme was re-launched as the SCAR Visiting Scholarships and attracted 27 applications (compared to 9 in 2017) with 9 of these applicants being female (none in 2017). For 2021, 14 applications were received with 9 of these being female. For the 2021 scheme, 3 awards were made (in early 2022) to applicants from Malaysia, USA and Spain (see <https://www.scar.org/general-scar-news/scar-announces-the-2021-visiting-scholars/>). Further details of this scheme are given at <https://www.scar.org/awards/visiting-scholars/overview/>

SCAR is participating in a project to update and publish online a book on Polar Education Resources that was published in 2010, as a legacy of the International Polar Year 2007-2008. SCAR is partnering with Polar Educators International, the International Arctic Science Committee (IASC) and the Association of Polar Early Career Scientists (APECS) to advance the project.

Activities of Relevance to Objective 2 (scientific research) plus (a) and (b) (policy advice and data access) of the Charity:

SCAR's mission is to be the leading non-governmental, international facilitator and advocate of research in and from the Antarctic region, to provide objective and authoritative scientific advice to the Antarctic Treaty and other bodies, and to bring emerging issues to the attention of policy makers.

In 2022 SCAR has published a new SCAR Data Policy (<https://www.scar.org/scar-library/search/products/scadm/5767-scar-data-policy-2022/>) following a process which sought to align the data policies of international scientific bodies coordinating research in the polar regions.

Detailed SCAR news for the year can be accessed through back issues of the SCAR Newsletter at <https://www.scar.org/news/newsletters/> as well as the SCAR News webpage, Facebook, LinkedIn and Twitter sites.

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**TRUSTEES' REPORT (CONTINUED)**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**a. INVESTMENT POLICY AND PERFORMANCE**

Through its investment policy SCAR aims to provide capital growth to enable it to fulfil its mission and objectives. In the longer term it is intended to draw income from these investments to support SCAR activities.

SCAR worked with a professional Investment Advisor when initiating the investments portfolio and directly with the Investment Manager(s) to generate a risk profile which matches the expectations of the Executive Committee with regard to investments.

SCAR does not depend on returns from this investing activity to fund its annual expenditure so it is anticipated dividends and profits will be re-invested in the portfolio for at least the first 5 years.

The Executive Committee is prepared to tolerate volatility in the capital value of the investment portfolio but will review and assess the performance annually as outlined below.

**Benchmarks**

The Investment Advisor and Investment Manager(s) will meet at least annually with the Executive Director to review the status of the portfolio. The Investment Manager(s) performance will be assessed by the Executive Director and Executive Committee annually with reference to benchmarks and targets. These have been initially set at 2% target growth for the portfolio per annum.



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**TRUSTEES' REPORT (CONTINUED)**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**(CONTINUED)**

**b. FACTORS RELEVANT TO ACHIEVE OBJECTIVES**

The major factors relevant to SCAR achieving its objectives are (i) successful planning as envisioned by the SCAR Strategic Plan and (ii) ensuring adequate resources, both financial and human, to carry out the objectives of the Charity.

The new Strategic Plan was adopted at the SCAR Delegates Meeting in August 2016 and published in early 2017. SCAR's work in the next five years will focus on key objectives:

- To amplify its leadership in Antarctic research by further strengthening and expanding high-quality collaborative and visionary Antarctic research, including observations from Antarctica;
- To offer independent scientific advice to Antarctic Treaty Consultative Meetings and other bodies dealing with Antarctic and Southern Ocean matters;
- To enhance and grow research capacity in SCAR member countries;
- To enhance public awareness and understanding of Antarctic issues through communication of Antarctic research results in a timely and accessible manner; and
- To facilitate unrestricted and free access to Antarctic research data.

These objectives will be delivered in the light of the recommendations of the external International Science Council (ISC) Review and the outcomes of the internal SCAR Structure Review.

The issue of funds is expanded below. With regards to human resources, in 2021 SCAR had the benefit of two full time staff, an Executive Director, Dr Chandrika Nath and an Executive Officer, Dr Eoghan Griffin. There were also two part time staff members, Administrative Officer, Rosemary Nash and Communications and Information Officer, Johanna Grabow, who became full-time April 2021.

The Charity is fortunate to have the support of the Scott Polar Research Institute, which kindly provides office accommodation and other facilities/amenities for use by the Charity. In return, the Charity provides copies of routine publications for the Institute's library and provides advice and assistance to Institute staff whenever possible. Due to the nature of this two-way arrangement, it is not possible for the charity to value the in-kind donation within the financial statements.

**FINANCIAL REVIEW**

**a. REVIEW**

During 2021 SCAR received grant income of £19,805 (2020: £19,805), income from national contributions of £517,148 (2020: £517,148) and other income of £9,924 (2020: £9,924). Expenditure in the year was £379,467 (2020: £379,467). The above results in net income for the year of £177,342 (2020: net income of £177,342). At the balance sheet date the Charity held restricted funds of £78,999 (2020: £78,999) as detailed in note 13 to the accounts. The Charity also held unrestricted funds, totalling £655,035 (2020: £655,035).

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**TRUSTEES' REPORT (CONTINUED)**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**b. RESERVES POLICY**

SCAR's reserve is split into two funds: (i) A "SCAR Reserve" is a fund to cover routine meetings and admin expenses for a full year which is calculated to be the total costs of routine meeting plus admin costs for the previous year plus 10% and (ii) A "Contingency Fund" which comprises the additional funds left to SCAR after committed funds and the Reserve have been taken into account.

The Trustees aim to retain free reserves that are at least equal to the cost of routine meetings and administration/support costs, uplifted by 10%.

For 2021 the SCAR Reserve figure based on its budgeted meetings and admin costs is calculated to be £255,826 (USD\$326,690) and free reserves per the accounts are £807,880 (2020: £653,831).

As shown on the budget for 2022 significant funds have been carried forward from 2021 into 2022 and these have been assigned to both our Groups as well as a contingency fund to be used as directed by the Trustees. Significant extra funds from contingency have been directed to extra support of our Capacity Building schemes (Fellowships, Visiting Scholars and Interns - circa USD\$65k), support for the Secretariat reflecting the extended medical leave for the Executive Director (circa USD\$40k) as well as extending the Communications and Information Officer hours to full-time and support for new Groups (circa USD\$17k). The funds allocated to the Groups will be rolled into 2022 if not expended, which is likely given the slow return to normal business in terms of science meetings. Any contingency funds left at the year end will again be available for distribution to priority short term support for the community.



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**TRUSTEES' REPORT (CONTINUED)**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**c. PRINCIPAL FUNDING**

SCAR's principal source of funding is from its member countries, who all pay a self assessed fee on a scale that in 2018 ranged from \$7,000 to \$27,500 per year.

At the Delegates meeting, 2012, Members accepted an increase in SCAR Membership Fees which came into force in 2013 and were applicable until 2017. SCAR Delegates agreed in 2016 to a new structure for National Contributions from members to come into force in 2018. The details for 2020 are as below:

Category	Contribution	No. Members	Total	In 2021:
Special Contributors	\$27,500	2	\$55,000	Russia, USA
Well Developed Programmes	\$21,200	16	\$339,200	Argentina, Australia, Brazil, China, France, Germany, India, Italy, Japan, Republic of Korea, The Netherlands, New Zealand, Norway, South Africa Spain, UK
Initial Stages Programme	\$12,400	14	\$173,600	Belgium, Bulgaria, Canada, Chile, Ecuador, Finland, Malaysia, Peru, Poland, Portugal, Sweden, Switzerland, Ukraine, Uruguay
Associate Member	\$7,000	12	\$84,000	Austria, Belarus, Colombia, Czech Republic, Denmark, Iran, Monaco, Pakistan, Romania, Thailand, Turkey, Venezuela
Total:		44	\$651,800	

The charity does not engage in public fundraising. During 2021 the Charity did not engage any external professional fundraisers. Donations in the year totalled £5.07 (2020: £nil).

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**TRUSTEES' REPORT (CONTINUED)**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**d. PLANS FOR FUTURE PERIODS AND THE IMPACT OF COVID-19**

SCAR continues to be significantly impacted in its operations by COVID-19 pandemic. An online Delegates meeting was held in March 2021 to ensure the most important decisions facing the organisation could be determined, such as approval of budgets and election of Trustees. 2022 has seen a slow return to in person meetings although the 2022 SCAR Open Science Conference, due to have been held in Hyderabad, India in August 2022, has moved to an online only format. The Secretariat continue to work primarily remotely and following consultations have begun gradual return to the offices at the Scott Polar Research Institute. This ensures that lessons can be learned from the enforced absence.

In 2021 the Executive Committee controlled and monitored expenditure to ensure cashflow and reserves were maintained, reflecting the level of National Contribution income received. These procedures have been maintained for 2022, and to date, there has been no issues with cashflow or increasing levels of national contribution arrears.

**Future Developments**

As noted the 2022 SCAR Open Science conference will take place in an online format in August 2022. This will be followed by the 2022 SCAR Delegates Meeting taking place in a hybrid format in September 2022, with the in person meeting being held in Goa, India, the first physical meeting of Delegates to take place since 2018 in Davos, Switzerland.

It is intended that for 2024 the standard format of having in person meetings for the SCAR Business Meetings, Open Science Conference and Delegates Meeting will all take place over two weeks in Pucon, Chile. The Secretariat will work with the local hosts to investigate how many of the events can be opened up to virtual participation, including the necessity of having a hybrid Delegates meeting.

Virtual participation addresses some of the inequalities of opportunity presented by for instance the cost of travel to in person meetings and helps SCAR achieve its ambition of reducing its carbon footprint, with a target of net zero by 2030.

A number of in person meetings, delayed due to the global Covid pandemic, are now planned for 2023. The SCAR Biology Symposium, which was due to take place in New Zealand in 2021 has now been scheduled for the end of July 2023. Other major meetings are planned by SRPs and our cosponsored organization, SOOS.

**a. STRUCTURE, GOVERNANCE AND MANAGEMENT**

**a. CONSTITUTION**

The company is constituted under a Memorandum of Association dated 14/4/2008 and is a registered charity number 112840.

Charity was incorporated in England as a company limited by guarantee on 14 April 2008 and registered as a charity on 4 July 2008.



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**TRUSTEES' REPORT (CONTINUED)**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**(CONTINUED)**

**b. METHOD OF APPOINTMENT OR ELECTION OF TRUSTEES**

The management of the Charity is the responsibility of the Trustees who are elected and co-opted under the terms of the Articles of Association.

The Trustees who served during the year were as follows:

Prof S Chown, President to March 2021, Past President thereafter  
Dr Yeadong Kim, President after March 2021  
Prof J Simoes  
Prof Gary Wilson  
Dr Catherine Ritz until March 2021  
Dr Deneb Karentz after March 2021  
Dr M. Ravichandran

**c. POLICIES ADOPTED FOR THE INDUCTION AND TRAINING OF TRUSTEES**

When new trustees are appointed there are procedures in place to ensure that they clearly understand their duties and responsibilities.

**d. PAY POLICY FOR SENIOR STAFF**

At the 2016 SCAR Delegates Meeting the Executive Committee was tasked with reviewing the Secretariat Salaries. As a result proposals were developed and formally agreed by the Executive Committee at their meeting in Brno, Czech Republic in 2017.

The Executive Committee concluded that the remuneration of SCAR Secretariat staff was outdated, having not reflected the high living costs in the Cambridge area, and were below the level paid by similar scientific organizations based in the same city. Staff annual salary scales were restructured to the following ranges: Executive Director £57,764 - £73,015; Executive Officer £34,956 - £46,924; Administrative Assistant (part-time 60%) £27,629 - £32,958.

Staff salaries will be appraised annually within these pay scale ranges.

**e. ORGANISATIONAL STRUCTURE AND DECISION MAKING**

The Charity has an Executive Committee (EXCOM) comprising a President, four Vice Presidents (VP, with responsibilities for (i) Finance, (ii) Education and Outreach, (iii) Science and (iv) Administrative and Constitutional Affairs) and a Past President all chosen (elected) from Delegates or Alternate Delegates of Full Members. These members are also the Trustees of the Charity.

The Charity is run on a day to day basis by an Executive Director, an Executive Officer, a part time Administrative Officer and a part time Communications and Information Officer. The Executive Officer is responsible for the day to day financial management of the Charity with oversight by the Executive Director. The Executive Director, who is a non-voting member of the Executive Committee, consults on financial matters with the Vice-President for Finance.



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**TRUSTEES' REPORT (CONTINUED)**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**(CONTINUED)**

**f. RISK MANAGEMENT**

The Trustees assess the major risks to which the charity is exposed, in particular those related to the operations and finances of the Charity, and are satisfied that systems and procedures are in place to mitigate exposure to the major risks. These are regularly reviewed, at least annually, and updated as necessary. In 2018 the organization established a risk register.

From the financial perspective, the Charity has secure income from the national contributions of its 44 Member countries in 2021. The number of distinct contributors and the timely payment of contributions by the Members provides security for future income. SCAR also continues to attract new Members, with 4 new members having been approved in 2016. These new members contributed to SCAR membership fees in 2017. A further member was approved in 2018 bringing the total to 44 members. In 2021 one new member was added and two members moved from Associate to Full Membership. The record of increases in contribution levels provides confidence that the burden of increasing costs through inflation and salary increases (and the burden of payment arrears due to a the issues faced by small minority of members in making timely payments, due to their political circumstances) will not in the long run detract from the ability to spend the majority of income effectively on Science activities. While there may be difficulties in payment encountered by individual members from time to time, the level of national contribution arrears is closely monitored and has fallen in recent years.

The impact of the loss of administration and salary contributions from the Tinker-Muse Prize after its completion in 2018 has been offset by the increase in both members and the associated contributions.

There are no conventional "competitor" organisations to SCAR in terms of its main objectives and its operations and effectiveness are reviewed periodically both internally and externally. In 2015 an internal Structure Review was undertaken, with consultation sought from the Antarctic research and policy communities. The results were presented at the 2016 Delegates meeting and several were approved. The external review by the ISC resulted in a positive assessment of SCAR activities with recommendations received to help enhance this work.

The biggest operational risk is the dependence the Charity has on the voluntary work carried out on its behalf by the Antarctic research and policy communities. In terms of leadership and guidance for its Science groups and the evaluation of applications for its various award, these volunteers continue to ensure that SCAR is perceived to be meeting its objectives for the community. The Charity will continue to review the way in which it supports these volunteers to ensure maximum effectiveness.

As noted in the section on Plans for Future Periods, the SCAR Executive Committee continues to closely monitoring the receipt of National Contributions in 2022 to ensure that expenditure is tailored to match the level of income received. In this way the risk of delayed or missed contributions will be mitigated.



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**TRUSTEES' REPORT (CONTINUED)**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**STATEMENT OF TRUSTEES' RESPONSIBILITIES**

The Trustees (who are also the directors of the company for the purposes of company law) are responsible for preparing the Trustees' 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 . 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 company and of its incoming resources and application of resources, including its 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 judgments 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 company will continue in business.

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

**Disclosure of information to auditors**

Each of the persons who are Trustees at the time when this Trustees' Report is approved has confirmed that:

- so far as that Trustee is aware, there is no relevant audit information of which the charity's auditors are unaware, and
- that Trustee has taken all the steps that ought to have been taken as a Trustee in order to be aware of any relevant audit information and to establish that the charity's auditors are aware of that information.

Approved by order of the members of the board of Trustees and signed on their behalf by:



Prof J Simoes, Trustee

Date:

06/09/22



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**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
**(A Company Limited by Guarantee)**

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**INDEPENDENT AUDITORS' REPORT TO THE MEMBERS OF SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**

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**OPINION**

We have audited the financial statements of Scientific Committee on Antarctic Research (the 'charitable company') for the year ended 31 December 2021 which comprise the Statement of Financial Activities, the Balance Sheet, the 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 charitable company's affairs as at 31 December 2021 and of its 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 Auditors' responsibilities for the audit of the financial statements section of our report. We are independent of the charitable company 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 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.



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**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
**(A Company Limited by Guarantee)**

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**INDEPENDENT AUDITORS' REPORT TO THE MEMBERS OF SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH (CONTINUED)**

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**OTHER INFORMATION**

The other information comprises the information included in the Annual Report other than the financial statements and our Auditors' 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 for the financial year for which the financial statements are prepared is consistent with the financial statements.
- the Trustees' Report has 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.

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:

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

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**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
**(A Company Limited by Guarantee)**

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**INDEPENDENT AUDITORS' REPORT TO THE MEMBERS OF SCIENTIFIC COMMITTEE ON ANTARCTIC  
RESEARCH (CONTINUED)**

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**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 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 charitable company or to cease operations, or have no realistic alternative but to do so.



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**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
**(A Company Limited by Guarantee)**

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**INDEPENDENT AUDITORS' REPORT TO THE MEMBERS OF SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH (CONTINUED)**

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**AUDITORS' 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 Auditors' 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:

Our approach to identifying and assessing the risks of material misstatement in respect of irregularities, including fraud and non-compliance with laws and regulations, was as follows:

- we identified the laws and regulations applicable to the charitable company through discussions with directors and other management, and from our knowledge and experience of the scientific sector;
- we obtained an understanding of the legal and regulatory framework applicable to the entity and how the entity is complying with that framework;
- we obtained an understanding of the entity's policies and procedures on compliance with laws and regulations, including documentation of any instances of non-compliance; and
- we assessed the extent of compliance with the laws and regulations identified above through making enquiries of management and inspecting legal correspondence.

We assessed the susceptibility of the charitable company's financial statements to material misstatement, including obtaining an understanding of how fraud might occur, by:

- making enquiries of management as to where they considered there was susceptibility to fraud, their knowledge of actual, suspected and alleged fraud.

To address the risk of fraud through management bias and override of controls, we;

- tested journal entries to identify unusual transactions;
- we designed procedures to identify unexpected and unusual journal entries and performed testing to confirm the validity of such postings; and
- performed 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.

In response to the risk of irregularities and non-compliance with laws and regulations, we designed procedures which included, but were not limited to:

- agreeing financial statement disclosures to underlying supporting documentation;
- enquiring of management as to actual and potential litigation and claims; and

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**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
**(A Company Limited by Guarantee)**

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**INDEPENDENT AUDITORS' REPORT TO THE MEMBERS OF SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH (CONTINUED)**

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- we reviewed minutes of meetings of those charged with governance.

There are inherent limitations in our audit procedures described above. The more removed that laws and regulations are from financial transactions, the less likely it is that we would become aware of non-compliance. Auditing standards also limit the audit procedures required to identify non-compliance with laws and regulations to enquiry of the directors and other management and the inspection of regulatory and legal correspondence, if any.

Material misstatements that arise due to fraud can be harder to detect than those that arise from error as they may involve deliberate concealment or collusion.

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](http://www.frc.org.uk/auditorsresponsibilities). This description forms part of our Auditors' Report.

#### **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 Auditors' 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.



**Kelly Bretherick (Senior Statutory Auditor)**

for and on behalf of

**Peters Elworthy & Moore**

Chartered Accountants

Statutory Auditors

Salisbury House

Station Road

Cambridge

CB1 2LA

Date: 16/9/2022



**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
(A Company Limited by Guarantee)

**STATEMENT OF FINANCIAL ACTIVITIES (INCORPORATING INCOME AND EXPENDITURE ACCOUNT)  
FOR THE YEAR ENDED 31 DECEMBER 2021**

	Note	Unrestricted funds 2021 £	Restricted funds 2021 £	Total funds 2021 £	Total funds 2020 £
<b>INCOME FROM:</b>					
Charitable activities	2	474,354	2,746	477,100	542,389
Investments	3	3,706	-	3,706	4,488
<b>TOTAL INCOME</b>		<b>478,060</b>	<b>2,746</b>	<b>480,806</b>	<b>546,877</b>
<b>EXPENDITURE ON:</b>					
Raising funds	4	4,549	-	4,549	4,406
Charitable activities	5	351,331	5,320	356,651	375,061
<b>TOTAL EXPENDITURE</b>		<b>355,880</b>	<b>5,320</b>	<b>361,200</b>	<b>379,467</b>
<b>NET INCOME/(EXPENDITURE) BEFORE NET GAINS ON INVESTMENTS</b>		<b>122,180</b>	<b>(2,574)</b>	<b>119,606</b>	<b>167,410</b>
Net gains/(losses) on investments	9	20,893	-	20,893	9,932
<b>NET INCOME/(DEFICIT)</b>		<b>143,073</b>	<b>(2,574)</b>	<b>140,499</b>	<b>177,342</b>
Transfers between funds	12	(2,595)	2,595	-	-
<b>NET MOVEMENT IN FUNDS</b>		<b>140,478</b>	<b>21</b>	<b>140,499</b>	<b>177,342</b>
<b>RECONCILIATION OF FUNDS:</b>					
Total funds brought forward		655,035	78,999	734,034	556,692
Net movement in funds		140,478	21	140,499	177,342
<b>TOTAL FUNDS CARRIED FORWARD</b>		<b>795,513</b>	<b>79,020</b>	<b>874,533</b>	<b>734,034</b>

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

The notes on pages 22 to 38 form part of these financial statements.

**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
**(A Company Limited by Guarantee)**  
**REGISTERED NUMBER: 06564642**

**BALANCE SHEET**  
**AS AT 31 DECEMBER 2021**

	Note	2021 £	2021 £	2020 £	2020 £
<b>FIXED ASSETS</b>					
Tangible assets	8		124		1,204
Investments	9		273,536		253,488
			<u>273,660</u>		<u>254,692</u>
<b>CURRENT ASSETS</b>					
Debtors	10	79,669		103,302	
Cash at bank and in hand		554,507		414,169	
		<u>634,176</u>		<u>517,471</u>	
Creditors: amounts falling due within one year	11	(33,303)		(38,129)	
<b>NET CURRENT ASSETS</b>			600,873		479,342
<b>TOTAL ASSETS LESS CURRENT LIABILITIES</b>			<u>874,533</u>		<u>734,034</u>
<b>TOTAL NET ASSETS</b>			<u>874,533</u>		<u>734,034</u>
<b>CHARITY FUNDS</b>					
Restricted funds	12		79,020		78,999
Unrestricted funds	12		795,513		655,035
<b>TOTAL FUNDS</b>			<u>874,533</u>		<u>734,034</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 have been prepared in accordance with the provisions applicable to entities subject to the small companies regime.

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

  
**Prof J Simoes**  
Vice President for Finance

Date: **6/9/2022**

The notes on pages 22 to 38 form part of these financial statements.



**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
(A Company Limited by Guarantee)

**STATEMENT OF CASH FLOWS**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

	2021 £	2020 £
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Net cash used in operating activities	137,421	80,616
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Dividends, interests and rents from investments	3,707	4,488
Proceeds from sale of investments	25,224	41,957
Purchase of investments	(26,014)	(46,752)
<b>NET CASH PROVIDED BY/(USED IN) INVESTING ACTIVITIES</b>	2,917	(307)
<b>CHANGE IN CASH AND CASH EQUIVALENTS IN THE YEAR</b>	140,338	80,309
Cash and cash equivalents at the beginning of the year	414,169	333,860
<b>CASH AND CASH EQUIVALENTS AT THE END OF THE YEAR</b>	554,507	414,169

The notes on pages 22 to 38 form part of these financial statements

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**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
**(A Company Limited by Guarantee)**

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**NOTES TO THE FINANCIAL STATEMENTS**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**1. ACCOUNTING POLICIES**

**1.1 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) (second edition of the Charities SORP October 2019, effective effective 1 January 2019).

Scientific Committee on Antarctic Research 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.

There were no significant estimates or judgements made by management in preparing these financial statements.

**1.2 GOING CONCERN**

The Trustees have reviewed the financial position of the Charity, including the impact of COVID-19 and have a reasonable expectation that the Charity has adequate resources to continue in operational existence for the foreseeable future. Accordingly, the financial statements continue to be prepared on the going concern basis.

**1.3 COMPANY STATUS**

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

**1.4 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 company 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 company 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.



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**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
**(A Company Limited by Guarantee)**

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**NOTES TO THE FINANCIAL STATEMENTS**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**1. ACCOUNTING POLICIES (CONTINUED)**

**1.5 INCOME**

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

Donated facilities are recognised when the charity has control over the item, any conditions associated with the donated item have been met, the receipt of economic benefit from the use of the charity of the item is probable and that economic benefit can be measured reliably. The Charity sometimes secures office space for meetings free of charge, however in the majority of instances there is a significant degree of reciprocity to the arrangement and therefore it is not possible to estimate the value. The net effect, taking the reciprocal arrangement into account, is not deemed to be significant and is not valued in these accounts.

Income on funds held for deposit is included when receivable and the amount can be measured reliably by the Charity; this is normally upon notification of the interest paid or payable by the Bank.

Dividends are recognised once the dividend has been declared and notification has been received of the dividend due.

Income from national contributions is recognised in the period to which it relates. National contributions owing to the Charity at the year end are included in debtors. National contributions are only written off after consultation with all member delegates. The member countries self assess which level of contribution is most appropriate with regard to the level of Antarctic research undertaken in that country.

Grants are recognised when the Charity has been notified in writing of both the amount and settlement date. In the event that a grant is subject to conditions that require a level of performance before the Charity is entitled to the funds, the income is deferred and not recognised until either those conditions are fully met, or the fulfillment of those conditions is wholly within the control of the charity and it is probable that those conditions will be fulfilled in the reporting period.

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

**1.6 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.

All expenditure is accounted for on an accruals basis. All expenses including support costs and governance costs are allocated to the applicable expenditure headings.

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

Costs of raising funds represent investment management fees.

The wages and salaries of the Executive Director and Executive Officer have been allocated on the basis of the proportion of time spent on direct and support activities.



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**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
(A Company Limited by Guarantee)

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**NOTES TO THE FINANCIAL STATEMENTS**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**1. ACCOUNTING POLICIES (CONTINUED)**

**1.6 EXPENDITURE (CONTINUED)**

Expenditure on raising funds includes all expenditure incurred by the company to raise funds for its charitable purposes and includes costs of all fundraising activities events and non-charitable trading.

Expenditure on charitable activities is incurred on directly undertaking the activities which further the company's objectives, as well as any associated support costs.

All expenditure is inclusive of irrecoverable VAT.

**1.7 TANGIBLE FIXED ASSETS AND DEPRECIATION**

Tangible fixed assets costing £250 or more are capitalised and recognised when future economic benefits are probable and the cost or value of the asset can be measured reliably.

Tangible fixed assets are initially recognised at cost. After recognition, under the cost model, tangible fixed assets are measured at cost less accumulated depreciation and any accumulated impairment losses. All costs incurred to bring a tangible fixed asset into its intended working condition should be included in the measurement of cost.

Depreciation is charged so as to allocate the cost of tangible fixed assets less their residual value over their estimated useful lives, using the straight-line method.

Depreciation is provided on the following basis:

Fixtures and fittings	-	20% straight line
Computer equipment	-	33% straight line

**1.8 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 Statement of Financial Activities.

**1.9 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.

**1.10 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.



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**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
**(A Company Limited by Guarantee)**

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**NOTES TO THE FINANCIAL STATEMENTS**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

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**1. ACCOUNTING POLICIES (CONTINUED)**

**1.11 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 company 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 Statement of Financial Activities as a finance cost.

**1.12 FINANCIAL INSTRUMENTS**

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

**1.13 FOREIGN CURRENCIES**

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

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 Statement of Financial Activities.

**1.14 PENSIONS**

The charity operates a defined contribution pension scheme and the pension charge represents the amounts payable by the charity to the fund in respect of the year.

**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
(A Company Limited by Guarantee)

**NOTES TO THE FINANCIAL STATEMENTS**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

**2. INCOME FROM CHARITABLE ACTIVITIES**

	Unrestricted funds 2021 £	Restricted funds 2021 £	Total funds 2021 £	Total funds 2020 £
National Contribution Fees	474,354	-	474,354	517,148
Antarctic Environments Portal income	-	2,746	2,746	19,805
Reimbursed expenditure, meeting/workshop fees and bursary income	-	-	-	5,436
<b>TOTAL 2021</b>	<b>474,354</b>	<b>2,746</b>	<b>477,100</b>	<b>542,389</b>
<b>TOTAL 2020</b>	<b>522,584</b>	<b>19,805</b>	<b>542,389</b>	

**3. INVESTMENT INCOME**

	Unrestricted funds 2021 £	Total funds 2021 £	Total funds 2020 £
Dividend income	3,704	3,704	4,463
Bank interest receivable	2	2	25
	3,706	3,706	4,488
<b>TOTAL 2020</b>	<b>4,488</b>	<b>4,488</b>	



**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
(A Company Limited by Guarantee)

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 31 DECEMBER 2021**

**4. INVESTMENT MANAGEMENT COSTS**

	Unrestricted funds 2021 £	Total funds 2021 £	Total funds 2020 £
Investment management fees	4,549	4,549	4,406
	<u>4,406</u>	<u>4,406</u>	
TOTAL 2020	4,406	4,406	

**5. ANALYSIS OF EXPENDITURE BY ACTIVITIES**

	Activities undertaken directly 2021 £	Support costs 2021 £	Total funds 2021 £	Total funds 2020 £
Charitable Activities	226,835	129,816	356,651	375,061
	<u>222,505</u>	<u>152,556</u>	<u>375,061</u>	
TOTAL 2020	222,505	152,556	375,061	

**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
(A Company Limited by Guarantee)

**NOTES TO THE FINANCIAL STATEMENTS**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

**5. ANALYSIS OF EXPENDITURE BY ACTIVITIES (CONTINUED)**

**ANALYSIS OF DIRECT COSTS**

	<b>Activities 2021 £</b>	<b>Total funds 2021 £</b>	<b>Total funds 2020 £</b>
Staff costs	119,410	<b>119,410</b>	92,600
Capacity Building, Education and Training	7,519	<b>7,519</b>	6,277
Scientific Activities	39,570	<b>39,570</b>	84,356
SCAR Fellowships	36,815	<b>36,815</b>	7,620
Routine Meetings	-	-	1,720
Medal awards	-	-	111
SCAR MarBIN - cosmos prize	-	-	5,778
Bad debt provision	30,929	<b>30,929</b>	24,043
Unclaimed travel grants	(7,408)	<b>(7,408)</b>	-
	<u>226,835</u>	<u><b>226,835</b></u>	<u>222,505</u>
<b>TOTAL 2020</b>	<u>222,505</u>	<u><b>222,505</b></u>	

Of the above expenditure, £5,319 (2020: £11,854) was met directly from restricted funds and £NIL (2020: £NIL) was met directly from designated funds.

The figure for Scientific Activities of £39,570 (2020: £84,356) includes expenses such as workshop and event expenses, travel expenses and co-sponsorships which are incurred in the unrestricted activity of the charity.



**SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH**  
(A Company Limited by Guarantee)

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 31 DECEMBER 2021**

**5. ANALYSIS OF EXPENDITURE BY ACTIVITIES (CONTINUED)**

**ANALYSIS OF SUPPORT COSTS**

	<b>Activities 2021 £</b>	<b>Total funds 2021 £</b>	<b>Total funds 2020 £</b>
Staff costs	97,807	<b>97,807</b>	78,339
Depreciation	1,080	<b>1,080</b>	1,381
Foreign exchange loss / (gain)	(3,533)	<b>(3,533)</b>	28,793
Office costs	5,362	<b>5,362</b>	15,746
Secretariat travel	580	<b>580</b>	5
Bank fees and interest	2,945	<b>2,945</b>	2,298
Bookkeeping fees (governance)	8,640	<b>8,640</b>	8,640
Accounts preparation (governance)	5,160	<b>5,160</b>	4,782
Audit fees (governance)	8,030	<b>8,030</b>	8,724
Professional, legal and other fees (governance)	3,745	<b>3,745</b>	3,848
	<u>129,816</u>	<u><b>129,816</b></u>	<u>152,556</u>
TOTAL 2020	<u>152,556</u>	<u>152,556</u>	

In 2021 and 2020 all support and governance costs were met from unrestricted funds.

Governance costs amounted to £25,575 (2020: £25,994).

**6. AUDITORS' REMUNERATION**

	<b>2021 £</b>	<b>2020 £</b>
Fees payable to the company's auditor for the audit of the company's annual accounts	<b>8,030</b>	8,724
Fees payable to the company's auditor in respect of: All non-audit services not included above	<u><b>5,160</b></u>	<u>4,782</u>

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**7. STAFF COSTS**

	2021 £	2020 £
Wages and salaries	168,797	153,833
Social security costs	13,780	12,209
Contribution to defined contribution pension schemes	5,252	4,897
Consultancy	29,388	-
	<u>217,217</u>	<u>170,939</u>

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

	2021 No.	2020 No.
Employees	<u>5</u>	<u>4</u>

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

	2021 No.	2020 No.
In the band £60,001 - £70,000	-	1

The key management personnel of the charity comprises the Trustees and the Executive Director. the Trustees all give their time and expertise without any kind of remuneration or other benefit in kind (2020: £Nil). The total employment benefits of key management personnel we £68,780 (2020: £77,097). Employment benefits includes employers national insurance and employer pension contributions.

During the year, no (2020: None) Trustees received reimbursed travel expenses or had payments made directly to a third party on their behalf.



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**8. TANGIBLE FIXED ASSETS**

	Computer equipment £
<b>COST OR VALUATION</b>	
At 1 January 2021	18,757
At 31 December 2021	<u>18,757</u>
<b>DEPRECIATION</b>	
At 1 January 2021	17,553
Charge for the year	1,080
At 31 December 2021	<u>18,633</u>
<b>NET BOOK VALUE</b>	
At 31 December 2021	<u><u>124</u></u>
At 31 December 2020	<u><u>1,204</u></u>

**9. FIXED ASSET INVESTMENTS**

	Listed investments £	Cash held at brokers £	Total £
<b>COST OR VALUATION</b>			
At 1 January 2021	240,520	12,968	253,488
Additions	26,014	-	26,014
Disposals (Proceeds £25,223, Gain £675)	(24,548)	-	(24,548)
Revaluations	20,218	-	20,218
Movement in cash balance	-	(1,636)	(1,636)
<b>AT 31 DECEMBER 2021</b>	<u><u>262,204</u></u>	<u><u>11,332</u></u>	<u><u>273,536</u></u>

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**9. FIXED ASSET INVESTMENTS (CONTINUED)**

All the fixed asset investments are held in the UK.

All investments are carried at their fair value. Investment 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 the 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 is operating an investment policy that provides for a degree of diversification of holdings within different unit trust investments. Potential returns have been sought from a combination of capital appreciation and income return. These returns have been sought from a combination of the assets used in 'Balanced Return' portfolios, but also include a wider range of possible investments that are more volatile, but provide a higher potential return, such as investments in shares or overseas investments. The portfolio is well diversified by asset class and more weighted towards more secure investments such as British Government securities (Gilts) or bonds issued by other secure supranational organisations such as the European Investment Bank. It also comprises of other income producing investments, such as corporate bonds and preference shares but to a lesser extent than normally associated with 'Income Return' investors. The balance of the portfolio incorporates direct investments into shares of large and medium sized companies.

The Charity does not make use of derivatives as it takes the view that investments are held for their longer term growth and annual income.

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

**10. DEBTORS**

	2021 £	2020 £
<b>DUE WITHIN ONE YEAR</b>		
Trade debtors	75,669	103,302
Other debtors	4,000	-
	<u>79,669</u>	<u>103,302</u>



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NOTES TO THE FINANCIAL STATEMENTS  
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11. CREDITORS: AMOUNTS FALLING DUE WITHIN ONE YEAR

	2021 £	2020 £
Trade creditors	17,339	20,328
Accruals	15,964	14,446
Pension payable	-	3,355
	<u>33,303</u>	<u>38,129</u>

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**NOTES TO THE FINANCIAL STATEMENTS**  
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**12. STATEMENT OF FUNDS**

**STATEMENT OF FUNDS - CURRENT YEAR**

	Balance at 1 January 2021 £	Income £	Expenditure £	Transfers in/out £	Gains/ (Losses) £	Balance at 31 December 2021 £
<b>UNRESTRICTED FUNDS</b>						
General Funds - all funds	655,035	478,060	(355,880)	(2,595)	20,893	795,513
<b>RESTRICTED FUNDS</b>						
Antarctic Environments Portal	31,570	2,746	(5,320)	189	-	29,185
PRAMSO	47,429	-	-	2,406	-	49,835
	78,999	2,746	(5,320)	2,595	-	79,020
<b>TOTAL OF FUNDS</b>	<b>734,034</b>	<b>480,806</b>	<b>(361,200)</b>	<b>-</b>	<b>20,893</b>	<b>874,533</b>



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**12. STATEMENT OF FUNDS (CONTINUED)**

**STATEMENT OF FUNDS - PRIOR YEAR**

	Balance at 1 January 2020 £	Income £	Expenditure £	Transfers in/out £	Gains/ (Losses) £	Balance at 31 December 2020 £
<b>UNRESTRICTED FUNDS</b>						
General Funds - all funds	481,799	527,072	(367,613)	3,845	9,932	655,035
<b>RESTRICTED FUNDS</b>						
SCAR MarBIN	6,487	-	(5,778)	(709)	-	-
Antarctic Environments Portal	19,533	19,805	(6,076)	(1,692)	-	31,570
PRAMSO	48,873	-	-	(1,444)	-	47,429
	74,893	19,805	(11,854)	(3,845)	-	78,999
<b>TOTAL OF FUNDS</b>	556,692	546,877	(379,467)	-	9,932	734,034

All of the transfers represent administration recharges and foreign exchange differences.

Restricted Funds

SCAR MarBIN - The SCAR Marine Biodiversity Information Network under the aegis of SCAR and supported by the Total Foundation.

The Antarctic Environments Portal - The Portal ([www.environments.aq](http://www.environments.aq)) continues to provide the Antarctic Treaty Parties with easy access to reliable and up-to-date information on a range of issues relevant to the management of Antarctic environments. During the year funds were received from The Ministry of Foreign Affairs - Netherlands Government and the Australian Antarctic Division.

PRAMSO (Paleoclimate records from the Antarctic Margin and Southern Ocean) - Support provided alongside SRP - PAIS (Scientific Research Programme - Past Antarctic Ice Sheet dynamics) and the Programme Planning Group for INSTANT (INSTabilities and Thresholds in ANTarctica).

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**13. ANALYSIS OF NET ASSETS BETWEEN FUNDS**

**ANALYSIS OF NET ASSETS BETWEEN FUNDS - CURRENT YEAR**

	Unrestricted funds 2021 £	Restricted funds 2021 £	Total funds 2021 £
Tangible fixed assets	124	-	124
Fixed asset investments	273,536	-	273,536
Current assets	555,156	79,020	634,176
Creditors due within one year	(33,303)	-	(33,303)
<b>TOTAL</b>	<b>795,513</b>	<b>79,020</b>	<b>874,533</b>

**ANALYSIS OF NET ASSETS BETWEEN FUNDS - PRIOR YEAR**

	Unrestricted funds 2020 £	Restricted funds 2020 £	Total funds 2020 £
Tangible fixed assets	1,204	-	1,204
Fixed asset investments	253,488	-	253,488
Current assets	438,472	78,999	517,471
Creditors due within one year	(38,129)	-	(38,129)
<b>TOTAL</b>	<b>655,035</b>	<b>78,999</b>	<b>734,034</b>



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**14. RECONCILIATION OF NET MOVEMENT IN FUNDS TO NET CASH FLOW FROM OPERATING ACTIVITIES**

	2021 £	2020 £
Net income for the year (as per Statement of Financial Activities)	140,499	177,342
<b>ADJUSTMENTS FOR:</b>		
Depreciation charges	1,080	1,381
(Gains)/losses on investments	(20,894)	(9,932)
Dividends, interests and rents from investments	(3,707)	(4,488)
Decrease/(increase) in debtors	23,633	(30,380)
Decrease in creditors	(4,826)	(58,046)
Movement in cash at broker	1,636	4,739
<b>NET CASH PROVIDED BY OPERATING ACTIVITIES</b>	<b>137,421</b>	<b>80,616</b>

**15. ANALYSIS OF CASH AND CASH EQUIVALENTS**

	2021 £	2020 £
Cash in hand	554,507	414,169
<b>TOTAL CASH AND CASH EQUIVALENTS</b>	<b>554,507</b>	<b>414,169</b>

**16. ANALYSIS OF CHANGES IN NET DEBT**

	At 1 January 2021 £	Cash flows £	Changes in market value and exchange rate movements £	At 31 December 2021 £
Cash at bank and in hand	414,169	143,871	(3,533)	554,507
Debt due within 1 year	(3,355)	3,355	-	-
	<b>410,814</b>	<b>147,226</b>	<b>(3,533)</b>	<b>554,507</b>

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**17. PENSION COMMITMENTS**

The charity operates a defined contributions pension scheme. The assets of the scheme are held separately from those of the charity in an independently administered fund. The pension cost charge represents contributions payable by the charity to the fund and amounted to £5,252 (2020 - £4,897). Contributions totalling £NIL (2020 - £3,355) were payable to the fund at the balance sheet date and are included in creditors.

**18. RELATED PARTY TRANSACTIONS**

There were no related party transactions during the current or previous years.