



**The Society for
Radiological Protection**

**TRUSTEES' REPORT
AND FINANCIAL STATEMENTS**

**FOR THE YEAR ENDED
31st DECEMBER 2021**

Edited by:

**Phil Morgan-Brown
Honorary Treasurer**

**Mary Allan
Honorary Secretary**

**Approved:
For SRP Council**

**Jim Thurston
President**

**SRP/Annual Report 2021
Issue 1
30 April 2022**

Registered Charity in England & Wales No. 1122804

ABBREVIATIONS

ALARA	As Low As Reasonably Achievable
AOrg	Affiliated Organisation
ASC	SRP Awards and Sponsorship Committee
AURPO	Association of University Radiation Protection Officers
BSS	Basic Safety Standards (Euratom and IAEA)
CLEAPSS	Consortium of Local Education Authorities for the Provision of Science Services
CLIPS	SRP Committee for Liaison with IRPA & Partner Societies
CPD	Continuing Professional Development
CRadP	Chartered Radiation Protection Professional
EMFOR	SRP Electromagnetic Fields and Optical Radiation Committee
EMPIR	European Metrology Programme for Metrology and Research
ETRAP	Education and Training in Radiation Protection conference
EU	European Union
EURAMET	European Association of National Metrology Institutes
EUTERP	EU Training and Education in Radiation Protection
HNAC	SRP Honours & Nominations Committee
HSE	Health and Safety Executive
IAEA	International Atomic Energy Agency
ICRP	International Commission on Radiological Protection
IRadP	Incorporated Radiation Protection Professional
IRMF	Ionising Radiation Metrology Forum
IOP	Institute of Physics
IRPA	International Radiation Protection Association
IRR	Ionising Radiation Regulations
IT	Information technology
ITC	SRP Information Technology Committee
JRP	Journal of Radiological Protection
NaCTSO	National Counter Terrorism Security Office
NORM	Naturally Occurring Radioactive Material
NPL	National Physical Laboratory
OBE	Order of the British Empire
ONR	Office for Nuclear Regulation
PSD	SRP Professional Standards Directorate
QPSC	SRP Qualifications & Professional Standards Committee
RAC	SRP Registration Approval Committee
REPIR	Radiation (Emergency Preparedness and Public Information) Regulations
RGG	SRP Rising Generations Group Committee
RP	Radiation Protection
RPA	Radiation Protection Adviser
RPA2000	Non-profit making company for certifying competence for radiation protection professionals

ABBREVIATIONS

RPC	Radiation Protection Council
RPT	SRP's Magazine: Radiation Protection Today
RWA	Radioactive Waste Adviser
SFRP	The French Society for Radiological Protection
SNNILG	Scottish Non Nuclear Industries Liaison Group
SRP	The Society for Radiological Protection
StaRR	SRP Strategic & Risk Review Committee
STEM	Science, Technology, Engineering and Maths
TechRadP	Technical Radiation Protection Professional
UK	United Kingdom
UKAEA	UK Atomic Energy Authority
WINS	World Institute for Nuclear Security
YPA	IRPA Young Professionals Award

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Legal and Administrative Information

- a. The name of the society is "The Society for Radiological Protection" and its official abbreviation is "SRP".
- b. The Society is a Registered Charity in England & Wales Number 1122804. The Society is governed by the grant of a Royal Charter which is supported by Bylaws & Regulations. It is a company incorporated by Royal Charter (RC820).
- c. The names of Council members (who are also the charity trustees) for 2021 were as follows:

Officers

Mr J Thurston	President	(from AGM 2021)
Mr J Thurston	President-Elect	(until AGM 2021)
Mr P Bryant	President	(until AGM 2021)
Mr P Bryant	Immediate Past-President	(from AGM 2021)
Mrs M Allan	Hon Secretary	(from AGM 2021)
Dr C-L Chapple	Hon Secretary	(until AGM 2021)
Dr C L Chapple	Immediate Past Hon Sec	(from AGM 2021)
Mr P Morgan-Brown	Hon Treasurer	

Directors

Mr A Rankine	Professional Standards	
Dr C A Perks	Science & Technology	
Mrs J Humphries	Engagement	
Mrs M Allan	Operations	(from AGM 2021)
Dr C-L Chapple	Operations	(until AGM 2021)

Mr P Ahmet		
Mrs M Allan		(until AGM 2021)
Mr R Hannan		(until AGM 2021)
Mr J Harrison		(from AGM 2021)
Ms S Hunak		
Dr M Lockyer		(from AGM 2021)
Mr I Lucas		
Mrs J Reay		(from AGM 2021)
Mr G Sallit		(until AGM 2021)
Dr D Tattam		(until AGM 2021)
Dr M Wood		

- d. The names of the honorary custodian or holding trustees were as follows:

Mr G Jackson-Burton	Holding Trustee
Dr M C Thorne	Holding Trustee
- e. The address of the principal office is The Society for Radiological Protection, DS009 Dartington Hall, Dartington, Devon TQ9 6EN.
- f. The Society's principal bank is Barclays Bank plc, Leicestershire LE87 2BB.
- g. The Society's Independent Examiners are Easterbrook Eaton, Cosmopolitan House, Old Fore Street, Sidmouth, Devon EX10 8LS.

Narrative

SRP is a society of persons engaged in medicine, science, technology and other professions joined together in membership of a scientific and learned Society which prohibits profit or gain to its membership out of its funds and property. The function of the Society is primarily to promote and advance, and to disseminate to the public advantage, information on and knowledge of the science and art of radiological protection and allied fields.

The Society's governing body is the Council which delegates work to its Committees for the day to day running of the Society's activities. The Council of the Society met on four occasions during 2021 and considered reports from the Society's Directorate Boards and their Committees. Summaries of each Committee's activities are given in this report. Three of the four Council meetings in 2021 took place virtually owing to the pandemic. The fourth meeting was face to face (September 2021).

Harris Associates has continued to provide administrative support from its office in Devon. The arrangements continue to work well, and Council is very pleased with the support provided.

The Society's *Journal for Radiological Protection* continues to be a respected publication for the dissemination of high-quality scientific papers relating to radiological protection. It is internationally recognised as the home of good scientific papers in the field of radiation protection, which reflects well upon SRP and its image around the globe. 2021 marked the final year of production of the printed version; it will only be available online from 2022.

There has been continuing demand for the Society's job advertisement service during the year and bookings made were much higher in the year, with 43 advertisements being distributed compared with 20 in 2020. The *Weekly* newsletter to members continues to be well received with 47 sent out during 2021 together with 1 special edition on governance.

All Boards, Committees and Groups have reviewed their Terms of Reference (ToRs) and their objectives and strategies which have been amended and updated as appropriate.

Public Benefit

By virtue of our declared objects stated above, The Society for Radiological Protection satisfies the Public Benefit Requirement. The Trustees confirm that they have complied with the requirements of section 4 of the Charities Act 2011 to have due regard to the public benefit guidance published by the Charity Commission for England and Wales.

Risk Management

The Trustees of The Society for Radiological Protection are responsible for the management and control of the charity. They aim to ensure that every effort is made to identify and manage the risks faced appropriately, and minimise any adverse effects, whether internal or external, through the risk management policy. Under Trustee guidance, each Directorate Board regularly examines the principal areas of the Charity's operations and considers the major risks found in each area, following Charity Commission Guidelines (CC26). SRP has established a committee to lead on risk review and report back to Trustees any risks which are not mitigated to an acceptable level for day to day operations, including insurance cover where appropriate. Items of risk and appropriate management of them are discussed at the regular Directorate Board meetings and reported back to Council, to ensure continued appraisal of SRP's systems: operational, financial and managerial.

President's Review 2021/22

As I come to the end of my first year as President, it is with some degree of satisfaction and optimism that we are at last getting back to some sort of normality, albeit rather different to before the pandemic.

Our 2021-22 year started at the Annual Conference which was held in Bournemouth. It was our first attempt at a hybrid event, with attendees both in person and online. As those who attended will attest, it wasn't without some technical teething problems, but was nonetheless well-received. For those of us who made the trip to Dorset it was wonderful to be back to face-to-face interactions and networking with our fellow RP professionals at a Conference.

In my address as incoming President at the Conference I committed to continuing with the initiatives started by my predecessor Pete Bryant, namely:

- **SUSTAINABILITY** of the Profession and Society
- Working in **SYNERGY** with other organisations, and
- Improving **COMMUNICATION** with Internal and External Stakeholders

The COVID-19 pandemic has continued to influence the way in which SRP operates although we have still been able to make some progress on these initiatives.

As an ongoing example of **Synergy**, our webinar programme run jointly with AURPO has continued to go from strength to strength, delivering a host of useful topics and proving of interest to members and non-members alike. As I write, we have run 22 webinars to date, with an average of over 280 attendees per webinar about 60% of which were members of either SRP or AURPO and the remaining 40% coming from non-members within the UK and internationally. As reported previously, SRP and AURPO have committed jointly to continue to provide these free of charge to maximise their impact for the good of our profession, and as part of our outreach programme.

Another example of **Synergy** has been our involvement in the response to the announcement by the International Commission on Radiological Protection (ICRP) of the beginning of consultations on new recommendations to be published towards the end of the decade. SRP has formed a small task group under CLIPS to feed into the International Radiation Protection Association (IRPA) group on this. We have also had direct discussions with ICRP on how we can contribute to their consultations.

In terms of **Communication**, one of the great successes of the last year has been the publication of the first two issues of our new magazine *Radiation Protection Today*. In response to the very positive feedback received, we have decided to continue to produce the magazine twice yearly. The third issue is currently at the final editorial stage and will be ready to be sent out to members by June.

Another key aspect that we need to continue to work on is to develop further guidance for members on a range of subjects, including communicating risk to the public, the media, and our other stakeholders.

Furthermore, on the subject of **Communication**, at the Annual General Meeting in Bournemouth it was agreed that we would be involved in Her Majesty The Queen's Platinum Jubilee by having an article on the Society written for the Jubilee Commemorative Book. A small editorial group was formed that reviewed and finally approved the article, and the book will be published at a launch event in early June, with a projected readership across the UK and the Commonwealth of over 2 million.

Sustainability is certainly a current buzzword and the winner of the YPA award at the 2021 Conference was Kathryn Ambrose from Sellafield Ltd with her talk on "Doing Safety Sustainably". However, in terms of sustainability of the RP workforce we continue to look for opportunities to address the shortfall in students choosing to study Science, Technology, Engineering and Maths (STEM) subjects at school and on to higher education, and the associated future skills gap in our profession. Pete reminded us of our objectives on this issue in last year's review:

- Objective 1 - Encourage students to study STEM subjects through school and further education/vocational training.
- Objective 2 - Encourage students and non-RP professionals into Radiation Protection or its allied fields as a profession.
- Objective 3 - Professional development of those working in the RP field throughout their career and retention within the field.

Despite the impact of Covid, SRP has continued to look for opportunities to achieve Objective 1 and 2 by engaging with schools and colleges through outreach and careers events. It is pleasing to see that events such as Big Bang Fair are now being scheduled to be run again in 2022 and onwards, and we will be involved in as many of these as possible.

In terms of the **Sustainability** of SRP, it is pleasing to note that we have come through the Covid pandemic in a very stable financial position. This has been achieved whilst continuing to run the business of the Society through holding events and committees virtually. As we now emerge from the pandemic, we will continue to embrace the new ways of working, running events face to face, virtually or as a hybrid, to maximise the attendance of members and non-members.

However, moving forward we must continue to consider the **Sustainability** of the Society in terms of membership numbers, and it is still the case that around 55% of our members are over 50 years old, and about a third of these are retired. We do need to address this, chiefly by encouraging more young RP professionals as they start their careers to become members. We must encourage members to also apply for Professional Registration – TechRadP, IRadP and CRadP. In that way we can better achieve Objective 3 by recognising them for the competencies they have attained thus far, supporting them in their professional development at all stages of their careers, whilst at the same time developing and sustaining the Society. Please note that there is an article in Issue 3 of *Radiation Protection Today* magazine on the benefits of professional registration. As members, we should all act as champions for the Society, encouraging our non-member colleagues to join, and then to apply for professional registration.

I made it clear at the Conference last year that I wanted **Diversity** and **Inclusion** to be a key theme of my Presidency and beyond. Last year we updated our Equality & Diversity Policy, and now have a new Equality, Diversity and Inclusion (EDI) Lead for a group that reports directly to our Governance Committee. We must continue to strive to ensure that SRP reflects the diversity of the whole RP workforce, regardless of role, gender, age, or sexual orientation. It is also essential that we get the views of the membership so that we understand and can respond to their key priorities and concerns. You will have seen that we recently advertised the second membership questionnaire through the weekly newsletter. The response so far has been good, and we will take full account of the views they contain.

It is also especially important to get members involved and included at this time as we turn our attention to the drafting of the next 5-year Strategic Plan for the Society for implementation from the beginning of 2023. As part of the process there will be a consultation through a short questionnaire to ask members for those key priorities and concerns, and to direct us in what you consider important to deliver over the next 5 years.

Finally, I would like to again remind members of opportunities to get involved – volunteering on committees and working groups, submitting articles to *Radiation Protection Today*, and in consultations on revisions to national and international legislation and guidance. And I would personally like to thank all our current volunteers for their ongoing commitment and support to SRP in what has been some very challenging times. Through all their efforts we have continued to support our members and the wider RP profession, and to engage with our stakeholders, including Government, regulators and the public.

Jim Thurston CRadP FSRP
president@srp-uk.org

Professional Standards Directorate

Director: Alex Rankine

The Professional Standards Directorate (PSD) oversees the setting and maintenance of the professional standards required for membership and professional recognition. Our four Committees have continued with their routine work throughout the pandemic their roles being compatible with remote working. PSD is the interface with The Radiation Protection Council (RPC) and the Registration Approval Committee (RAC) assesses applications for professional registration against its standards and also audits registrants' CPD records. The first IRadP registration was achieved towards the end of the year and the first TechRadP application received.

Qualifications and Professional Standards Committee (QPSC) continues to oversee the standards for Professional Registration and membership and has been working on other projects as outlined below.

Membership applications are assessed by Membership Committee (MemCom) and Awards and Sponsorship Committee (ASC) continues in its role of assisting and encouraging members in their professional development.

Now that the restrictions due to the pandemic are retreating, there are already signs that the number of applications for membership and professional registration is increasing. In the year ahead we will be working together with the Engagement Directorate to encourage a wider range of people in the profession to apply for membership with a focus on those at the more practical end of Radiation Protection and further widening the diversity of the current membership.

Awards and Sponsorship Committee

Chair: Lorna Galbraith, Secretary: Philip Clewer

The Awards and Sponsorship Committee oversees the Society's sponsorship schemes and organises the judging for prizes awarded for best presentation and poster at the Annual Conference, including the biennial Young Professionals Award. The pandemic resulted in fewer physical conferences and meetings in 2021 and consequently there was less call on funds for attendance. However, ASC was able to contribute to the Charter objectives by granting sponsorship for two overseas students attending post-graduate courses and, under the Educational Resources Development Scheme, for a project at the University of Bristol to develop a virtual reality system for use in Nuclear Engineering. This will be demonstrated at the SRP's Annual Conference in 2022. We have recently welcomed Kinson Leonard to the committee, and we look forward to being able to award prizes for presentations at SRP's Annual Conference in 2022, as well as supporting more conference and course attendance.

Membership Committee

Chair: George Sallit, Secretary: Phil Tattersall

The Committee continues to run efficiently with all the work done via the forum. Due to Covid restrictions the annual face to face meeting was held on 16th September 2021 via Teams. At the end of 2021, total membership stood at 1600, a slight increase from 1598 over the year. The net increase in membership was 2 with 65 new members joining and 63 members leaving the Society through death, resignation or lapsed subscription. This compares to pre-Covid new member numbers of 84. A working group has been established to look at ways of encouraging membership applications.

It is with deep regret that the Society has learned of the deaths during the 12 months prior to the publication of this report, of Derek Brazer, Doug Fleetwood, Chris Green, Mike Marshall, Archie McNair, Tony Myatt, Lesley Prosser and Jack Simmons.

Qualifications and Professional Standards Committee

Chair: Joanne Stewart, Secretary: Neil Pierce

During the year the Qualifications and Professional Standards Committee (QPSC) refreshed its membership and a new Chair and Secretary began their terms. Committee representation across the sectors remains sound.

The Committee collated and submitted a response to HSE's consultation on the revised Statement on Radiation Protection Advisers on behalf of SRP.

Progress has been made with regard to identifying the needs of, and proposed way forward for, developing competence standards for Qualified Persons. The proposed work stream was discussed with the Science and Technology Directorate and it was agreed that QPSC (on behalf of the Professional Standards Directorate) would lead on taking this work forward but that it would work jointly with the Metrology Committee (and other stakeholders as relevant).

Work to progress the key recommendations from the Course Accreditation Working Group is yet to gain traction but is on the agenda for 2022.

Registration Approval Committee

Chair: Roger Collison, Secretary: Scott Kinnear

The Registration Approval Committee (RAC) is appointed by Council under the Professional Standards Directorate to develop, maintain and implement SRP arrangements related to applications for, and maintaining Registration as, Chartered Radiation Protection Professional (CRadP), Incorporated Radiation Protection Professional (IRadP) and Technical Radiation Protection Professional (TechRadP).

The application process is available on SRP's website for prospective candidates. Assessment Secretaries for the three schemes have been appointed from within RAC's membership.

A presentation outlining the application process has been produced and is available. A spreadsheet to track applicants through the process is being used. New assessors have also been identified to support the extended process along with existing CRadP assessors who have also agreed to assess TechRadP and IRadP applicants.

The Committee's focus going forward is management and processing of new applicants and the annual CPD audit.

Science & Technology Directorate

Director: Chris Perks

The Directorate continues to support the Society's charitable objectives as outlined below for each of its committees. In addition, we provide responses to queries from members of the public ranging from: identification of radioactive sources to obtaining information on the radiation levels surrounding nuclear sites. We provide the Society's support and consultation for a number of significant national and international projects including representing SRP on the:

- Public and Community Oversight Group of the National Institute for Health and Care Research Units on:
- Environmental Exposures and Health
- Chemical and Radiation Threats and Hazards
- The MRC Centre for Environmental Health
- Stakeholder Committee of EMPIR 19ENV01 traceRadon research project into the application of radon metrology for use in climate change observation and radiation protection at the environmental level undertaken by EURAMET
- Stakeholder support for EMPIR 19NET03 supportBSS - a project considering the development of a European Metrology Network (EMN).
- World Institute of Nuclear Security (WINS)

EMF & Optical Radiation Committee

Chair: Richard Findlay, Secretary: Dave Rawlings

The focus of the EMFOR Committee is safety of optical radiation devices (including lasers) and the safety of sources of electromagnetic fields (EMF) within the workplace. During 2021, it has continued to address practical implications of radiation safety relating to those areas. On behalf of SRP members and the public at large, it has continued to develop material relating to non-ionising radiation assessment and maintains a watching brief on key legislation, directives and guidance. It has promoted the CRadP post-nominal for radiation safety specialists, particularly those concerned with EMF radiation, as this is currently the only relevant accreditation available. The group continues to respond to enquiries from the public and fellow professionals. To support this, the range of relevant information available via SRP's website has increased. Development of schools' outreach activities is an ongoing objective. Within the next twelve months, the group also aims to raise awareness of EMF hazards in relation to electric vehicles.

Legislation and Standards Committee

Chair: Liz Thomas, Secretary: Nigel Reeves

The Committee raises awareness of, and where appropriate co-ordinates responses (as appropriate in consultation with other SRP Committees) on behalf of SRP, to:

- the introduction of new legislation, regulations, standards and guidance
- existing regulatory practices
- consultation exercises on new legislation, regulations, standards and guidance that have an impact on radiation protection.

Individual and corporate responses to consultations are encouraged by promoting upcoming consultations in the weekly newsletter. It is noted that the Society provides a focal point of contact in the UK for international organisations, Government and Regulators in all matters related to Ionising Radiation.

It continues to co-ordinate quality and challenging responses to national and international consultations led by Government departments and agencies, such as regulators in the field of radiological protection and international organisations such as the International Atomic Energy Agency. These include:

- HSE consultation on a new approach to Consent Authorisation (together with Medical, and Research and Teaching Committees).
- Government consultation on proposed regulatory framework for fusion energy
- ICRP Consultation on Radiological Protection in Veterinary Practice (TG110) (undertaken by Medical Committee).

Responses to consultations arising from IRPA are undertaken by CLIPS. The committee continues to maintain the Regulations Database which is available to members on the website.

Medical Committee

Chair: Sharan Packer, Secretary: Jennifer Poveda

The Committee endeavours to support those working in the medical and associated sectors (including veterinary and medical research) by providing education and information regarding radiation protection and safety via presentations at meetings and contributing to relevant publications.

We aim to address current issues, such as the impact of changes to relevant legislation or guidance, as well as liaising with the regulators and responding to consultations on future changes in the UK and internationally. For example, we recently collated and submitted comments on the ICRP draft report on Radiation Protection in Veterinary Practice on behalf of SRP. The Committee provided an SRP representative to the HSE stakeholder group for the new consent process under IRR17.

We collaborate on a regular basis with other organisations such as IPEM by attending meetings, sharing and disseminating information relating to radiation protection.

We also provided responses to public enquires relating to medical exposures to radiation received via SRP's website.

Metrology and Measurement Science Committee

Chair: Simon Threadingham, Secretary: Kate Crawford

The Metrology and Measurement Science Committee provides a focal point for the consideration of metrology best practice and development of new measurement science. This is achieved through engagement with the wider radiation metrology community via the Ionising Radiation Metrology Forum and the links the Committee has with specialists in the field.

Following on from the pandemic in a similar manner to other groups and societies, 2021 has been a different year, however, the planned work has, in the most, been delivered. The publication of further Measurement Good Practice Guides during 2022 will continue to strengthen that position. The metrology sector continues to face challenges with competency demonstration, but this is an active area of work which, it is hoped, will show some progress during 2022.

Non-Nuclear Industries Committee

Chair: David Copplesstone, Secretary: Michael Lockyer

As the name suggests, the Non-Nuclear Industries Committee represents the interests of those involved in radiological protection in the non-nuclear sector. We have a broad range of representation on the committee from regulatory bodies (Environment Agency, HSE, ONR) to academia, (radio)pharmaceutical industry, the production of radioactive sources and disposal of radioactive waste. We exist to raise awareness and disseminate guidance on issues related to radiological protection including for sectors that you might not immediately think of needing radiological protection such as the food and drink industry.

This year we have again met twice, and our meetings have been focused on finalising some guidance notes on the use of radioactive materials within different sectors. Specifically, we have been focused on one for the food and drink industry as well as producing drafts of those for industrial radiography and the transport of radioactive materials.

Nuclear Industry Committee

Chair: Vicky Talbot, Secretary: Kim Vignitchouk

The Nuclear Industry Committee has been in a quiescent state over the last 12 months due to the pandemic. It is currently working with the Legislation and Standards Committee on the changes to HSE Consent Approval which is likely this year and is keen to propose an event for 2023. The Committee has a membership from across the industry, including the supply chain, and encourages more members to volunteer and get involved. It is looking forward to delivering against SRP's strategic objectives in the coming year.

Research & Teaching Committee

Chair: Gwen Mott, Secretary: Louise Nicholson

The Research and Teaching Committee represents the interests of those involved in higher education, teaching and research and continues to be an active participant in a number of consultations which could have implications for these types of organisations. The liaison with AURPO remains productive and has led to a webinar on 'Sealed Source Management and Security'.

A project on degradation of radium teaching sources, which involved help from a number of the institutes active on the Committee, has come to its conclusion, leading to a change of advice to schools by CLEAPSS.

The Committee has produced two guides to aid identifying the age of legacy open-source stocks, and these are awaiting publication.

Scottish Committee

Chair: Colin Wood, Secretary: Angela Wright

The Scottish Committee represents the interests, including devolved legislation issues, of those based and working in Scotland and provides representation at the Scottish Non-Nuclear Industries Liaison Group (SNNILG).

During 2021 the Committee participated in the Edinburgh Science Festival. The involvement was entirely virtual/online and consisted of videos and a quiz for children. Our usual face-to-face meetings were unable to take place and the postponed meeting at Faslane will now occur in 2022.

These meetings are useful for meeting fellow RP professionals and hopefully generating increased membership.

Source Security & Emergency Preparedness Committee

Chair: Tony Peters, Secretary: Nicola Jaynes

The Committee is responsible for all aspects of security of radioactive sources and ensuring our stakeholders are aware of their responsibilities. During 2021 the Committee has continued to update the Source Security Course in accordance with the RWA syllabus. In November 2021 the course was held in Leeds with 43 delegates attending. The feedback from the successful course indicated the enthusiasm for another briefing to be held in early 2023.

The Committee continued to participate in the Nuclear Emergency Arrangements Forum (NEAF), in particular REPP19 (emergency exposures) and may be requested to provide assistance to the Blue Light Services (BLS) and their appointed RPAs.

Members of the committee continue to work closely with key UK and overseas organisations such as IAEA, WINS and NaCTSo.

Engagement Directorate

Director: Jennifer Humphries

Engagement Directorate is a group of SRP committees and networks which are involved with talking to anyone, be that our own members (Communication Committee and Magazine Committee), our Partner Societies and IRPA (Committee for Liaison with IRPA and Partner Societies, CLIPS), our less experienced members (Rising Generations Group, RGG) or the general public about the science of Radiation Protection (Outreach Committee). Our Journal of Radiological Protection Editorial Board is also part of the Engagement Directorate, as this is about academic written communication, as well as Events Committee, which oversees the SRP events programme, which is a formal way of communicating with members and non-members alike. We also have the Champions Programme which is made up of SRP's point of contact in larger workplaces, and the Affiliated Organisation Representative – who is the voice of the Affiliated Organisations on SRP Council.

Communications Committee

Chair: Richard Wilkins, Secretary: Kathryn Ambrose

The Communications Committee is appointed by Council under the Engagement Directorate to facilitate communication internally within SRP and externally to key audiences and stakeholders regarding the activities and initiatives of the Society. These include communicating about our work in meeting our Charter objectives to promote, advance and disseminate, to the public benefit, knowledge of radiation protection and allied fields.

The Committee has continued to review and support all internal and external communications of SRP. It regularly monitors the Weekly e-newsletter, the Forums and the SRP's presence on social

media (LinkedIn, Twitter, Facebook) as well as SRP's YouTube channel and other society and organisations' websites. These are discussed at regular Committee Meetings.

Followers on all media platforms have steadily grown during 2021. The most significant increase was for the YouTube channel, which now offers a variety of information, including recordings of the highly successful SRP webinars.

A second membership questionnaire was developed during 2021 covering the SRP website and general communications. This is currently open to members for completion in 2022.

An SRP procedure was written and approved by Council for posting items to social media to ensure standards are maintained and individual items do not reflect badly on SRP. Following this a WhatsApp approvals group was set up in 2021, which is working well.

The Committee continued to support the Media Officer, responding to several requests from the media including invited comments on particular news items and scientific papers that were about to be released. We responded to these in a timely fashion whilst ensuring we retained the integrity of SRP and its members.

Events Committee

Chair: John Bradshaw, Secretary: Juliet Porter

The Events Committee produces a scientific programme which promotes the science of radiation protection to both members and non-members of SRP and seeks to disseminate both knowledge and any practical learning in an engaging manner.

Following the UK strategy for Covid, the use of webinars and online presentations has increased the dissemination of knowledge to a wider audience which encompasses a range of both members and non-members. The use of this technology enabled the Society to host its first hybrid Annual Conference in July 2021. This allowed SRP to have a wider reach and has also generated valuable feedback to take into the planning of events in 2022.

Following its successful launch in 2020 the one-hour webinar programme continues to be well received and 13 webinars were organised during the year. Attendance at each ranged between 168 and 655 and 41% of members attended at least one webinar. Most of the webinars are uploaded to SRP's YouTube channel and can be used by attendees for CPD. The ad hoc Webinar Working Group has now been formally constituted as a sub committee of Events Committee.

Two virtual conferences were held: The Ionising Radiation Metrology Forum and Putting Together Your First Portfolio. In November the Source Security Course took place in person. Face to face events allow not only for the sharing of knowledge, but they also give an opportunity for networking which is a valuable aspect for the radiation protection community, and a key aspect of meeting the Charter objectives. This will continue into 2022, where a number of in-person events have been scheduled across a variety of formats such as workshops, conferences, and site visits.

There are currently seven events planned for 2022:

April	The Future and Challenges of Fusion with UKAEA
June/July	IRMF with NPL
June 16-19	Annual Conference
Oct 12-13	SW Conference 'Radiation Protection in 2022'
September	Consents Process (Workshop)
December	Scottish Committee 'Out with the Old, In with the New' and Source Security Course
Date tbc	'Blue Lights' RPA Workshop

Committee for Liaison with IRPA and Partner Societies (CLIPS)

Chair: Andy Bradley (BNMS) Secretary: Phil Tattersall

The Committee's work is primarily focused on delivering the Charter Objective to "promote, advance and disseminate, to the public advantage, knowledge in Radiation Protection". The key elements of progress this year include:

- The document 'IRPA Perspective on Reasonableness in the optimisation of radiological protection' was published.
- A Working Group, reporting to CLIPS, has been formed to coordinate views from SRP and Partner Society members to the IRPA Task Group considering proposed ICRP general recommendations on the system of radiological protection. Two sets of initial comments had been submitted following correspondence between members with the first formal meeting of the Working Group scheduled for February 2022.
- The French SFRP held a 3rd Workshop in the series on Reasonableness and covered three themes namely ALARA in decommissioning, NORM and Radon. UK representation at this fully on-line event included members of CLIPS. An open access publication will be produced by SFRP.
- For the ETRAP meeting in March AURPO and SRP members collaborated to produce two jointly branded posters.
- An article on IRPA and the work of CLIPS was published in the first issue of the new SRP magazine *Radiation Protection Today*.

The delayed IRPA15 International Congress, General Assembly and Associate Societies Forum took place, fully on-line, in early 2021 but has already been reported in the CLIPS report for 2020 and in the Trustees Report for that year.

Journal Board

Editor: Richard Wakeford, Deputy Editor: Mike Thorne

Journal of Radiological Protection (JRP) is the Society's scientific journal, a joint enterprise with the Journal's publisher, IOP Publishing. The Journal Editorial Board is a committee jointly responsible to the Society and IOP Publishing, with a remit to maintain and improve the scientific quality of the content of the Journal and its standing in the radiological protection community. The Board includes members with a range of expertise of relevance to radiological protection from the UK and the EU and is supported by experienced International Editorial Advisers from further afield. One indicator of the success of the Journal is the internationally recognised "Journal Impact Factor", which has been maintained above 1.0 (an average of >1 citation in all journal papers per JRP paper published) for a number of years, extending to 2021. The standing of the Journal is indicated by the broad geographical range of authorship of published papers. Scientific publishing continues to feel the

pressures of change, and December 2021 saw the last hardcopy (paper) issue of the Journal, and from the beginning of 2022 the Journal will be published online only, with members of the Society having free and easy access to past and present papers via the Journal's website. The Journal has maintained its strong position in radiological protection publishing, and currently operates a hybrid system of Open Access and traditional subscription papers, which the Board considers to be a fair publishing position. The Journal remains in a financially sound state.

Magazine Committee

Editor: Trevor Jones, Deputy Editor: Maureen McQueen, Secretary: Helen Whitehead

The Magazine Committee is responsible for producing the Society's new magazine *Radiation Protection Today* (RPT). It was originally formed as a working group of the Communications Committee, but became a full committee under the Engagement Directorate in December.

RPT aims to fill a gap in the market and become established as the magazine of the radiation protection profession. It is distributed free to members and non-members, and the digital version is promoted widely including through Partner Societies.

Two issues of the magazine were produced in 2021, but distribution of the Winter issue was delayed until January 2022. Both issues received an overwhelmingly positive response from readers, who include non-members and readers outside the UK.

RPT is self-financing, with the cost of production and distribution covered by advertising. For the first two issues, hard copies were mailed out with hard copies of the Journal. With the Journal switching to digital-only format from 2022, future options for the magazine were reviewed. After consideration of the environmental and financial issues, it was decided to continue to produce the magazine in both hard copy and digital format. Members can opt out of receiving hard copies if they prefer.

Two issues of the magazine will normally be published per year, with potential additional issues for special occasions. The next issue will be in Summer 2022.

Outreach Committee

Chair: Steph Bloomer, Secretary: Barbara Wilcox

The Outreach Committee's primary function is the organisation of SRP Outreach activities for both adults and students to educate the public in radiation protection. In 2021 Outreach Committee saw a change of Chair with Steph Bloomer taking over in the autumn from Shaun Lenden. Covid restrictions did lead to a reduction in spend but also a reduction in Outreach activities. We did however produce videos on contamination and on half-life which were debuted at the Edinburgh Science Festival, thanks to the support of the SRP Scottish Committee. We also attended the Institute of Physics' South West branch event to share our Everyday Objects demonstration and discuss radiation protection careers.

Outreach Committee also wishes to acknowledge its Yellow T-shirt Team of volunteers who sit outside the core committee, but without whom Outreach would not be possible to the degree it currently is. Outreach Committee has a number of initiatives and activities planned for 2022 and thanks those who have already contributed to the planning and preparation for these.

Rising Generations Group Committee

Chair: Anthony Higgins, Secretary: Helen Whitehead

The Rising Generations Group has been much more active this year than in 2020. We've managed to host our first three-day "putting together your first portfolio" event in June, including the newest certification scheme from RPA2000 of Medical Physics Expert. We also held an Introduction to RGG meeting in May, welcoming new RGG members and introducing potential members to RGG and SRP as a whole.

The biggest event of the year was the dedicated RGG session at the 2021 Annual Conference celebrating RGG's 10-year (plus 1) anniversary, meaning the RGG itself is no longer in the "Young Professional" stage of its career!

Affiliated Organisations

Representative: Gary Teague

2021 has been a fantastic year in the role of SRP Affiliated Organisation Representative. Although Covid continued to prevent face to face meetings during the last 12 months, we have realised that Microsoft Teams has proved a great tool for meetings and has allowed us to meet more frequently and cover more topics without the carbon footprint and unnecessary travel expenses. My main role in 2021-22 has been to increase AOrg numbers and help launch the now increasingly popular SRP Magazine *Radiation Protection Today*. At the end of 2021 we reached a record breaking 65 AOrgs and have now increased that to 68 at the time of writing.

As AOrg representative, I have continued to have an active role in many of the SRP's working groups, Directorates and Council. This has allowed me to be the voice of the AOrgs and bring as many benefits as possible to our organisations.

I have partnered and collaborated with many AOrgs over the last 12-24 months and believe this is a great way to grow stronger together during these difficult times. This would not have been possible without becoming an AOrg and growing friendships during the exhibitions at regional and annual conferences.

My goal for 2022 is to increase AOrg numbers above 70 to ensure that the Society keeps growing and as many of us as possible can both support SRP and benefit from being a part of it.

I really hope we can share a drink together at this summer's Annual Conference and make a long awaited return to the dance floor 😊

The Champions Programme

Lead: Gary Jackson-Burton

The Champions Programme, which was set up six years ago, now has 29 volunteer Champions across 24 organisations drawn from the nuclear industry, regulation, project management services and universities. The ambition is to extend the network to include medical and veterinary industries as well.

The Champions act as conduits for information into and out of the Society; taking feedback and ideas in from colleagues and promoting SRP, its events and other activities outward. An example of what

Champions do, is encouraging members to regrade or pursue professional registration and supporting those members through the process. Champions have also helped in distributing SRP's new magazine *Radiation Protection Today* to non-members, by placing print copies around tea-rooms etc. This minimises waste as magazines are only sent to Champions who request them.

As the country emerged from coronavirus restrictions at work, it was evident that some companies were more risk-averse than others and it has been very helpful for event planning to have the Champions routinely feeding in information regarding the changes in practice at their workplace.

The Champions Programme is just launching its Survey of Non-members in Technical Roles, aiming to find out why people have not joined the Society, and what it could do to encourage them to do so. Participants can choose to be entered into a draw offering the chance to win a year's free membership and free entry to an SRP event for a CPD opportunity. The survey has been long in planning, as it was first due to be released in 2020, just as the pandemic struck, and so the results are awaited with interest.

The role of the Champions continues to develop and grow so as to support the Society, its members and their organisations.

Operations Directorate

Director: Mary Allan

The Operations Directorate brings together the committees and working groups that keep the Society running, in terms of finance, IT, governance issues and review of strategy and risks. Chairs of these committees meet, together with the Honorary Secretary, Honorary Treasurer and other nominated Trustees as the Directorate Board to oversee committee activity and discuss priorities and any challenges. Committees have adapted to on-line meetings well but are now looking forward to a few face-to-face meetings.

Governance Committee

Chair: Peter Marsden, Secretary: Claire-Louise Chapple

The Governance Committee ensures the Society has a robust and effective suite of documentation, to ensure that it can meet the demands of being a professional body, a learned Society and a registered charity. The work of the Committee also provides reassurance that SRP operates responsibly with respect to environment, social and governance issues.

During the year, the Committee has developed a Schedule 2 to the Charter, covering professional registration, at the request of Privy Council, and has worked with relevant committees to produce a policy on posting to social media and procedures for the creation of Networks, receipt of donations, procurement of services, audit and management of Society events. A number of procedures were subject to routine review and update, including complaints and disciplinary; policy and procedures relating to risk; vetting of Trustees (following last year's audit); conflict of interest; environmental policy; production of SRP documents and procedures of HNAC Committee. The Committee also undertook two audits; of the donations procedure and HNAC procedures.

The Committee will continue with a programme of review and audit, to ensure documents are effective, fit for purpose and followed by members.

IT Committee

Chair: Doug Sim, Secretary: Fearnley Evison

The Committee manages the operation of the of the Society's website. Websites are a major part of encouraging cohesion for members and advertising the Society to the public. In 2021 the ITC has carried out a major review of website navigation and implemented consequential menu changes in May 2021. The home page has been made simpler and now has a central changeable image reflecting significant contemporary RP events, with links to further information. This is intended to appeal more to both public and membership.

The committee is only three years old, and the managerial procedures and policies are largely complete. The remaining work is to scope the computing element in greater detail; hardware, software and platforms. This is to enable audit and risk assessment, ensure security of operation and enable medium to long term planning. This scope will be referenced from the Terms of Reference which are under revision and will be submitted when the scoping exercise is complete. Doug Sim took over as Chair in November 2021. ITC membership is currently stable, but new membership appeals should be ongoing and be designed to attract people who have good computer applications knowledge and are interested in the topic. Prospective members would be expected to add technical value, not just general management skills. Current significant work is implementing the change to the 100% online JRP. Also, metrics are being developed to inform committees and Council on how the main website is attracting users so that effort can be optimised.

Strategy and Risk Review Committee

Chair: Simon Clark, Secretary: Carol Darbyshire

The Strategy and Risk Review Committee (StaRR) has two main functions (i) to monitor the delivery of SRP's Strategic Plan and (ii) to maintain SRP's Risk Register. These functions are undertaken on behalf of Council, as Council owns the Strategic Plan and all risks to SRP. Reporting is via the Operations Director to Council. During the year the Risk Register was made available to the full membership via the website. It can be found via a search within documents. It was publicised to the members in the *Weekly* during November and this included a notification to members that all are empowered to identify risks and suggest amendments to the current Register. StaRR regularly reviews metrics data on committee volunteer hours so that the Society has good knowledge of the amount of work carried out by volunteers during the year. Work is being carried out to encourage committees to submit this data more regularly.

Committees Reporting Directly to Council

Honours & Nominations Advisory Committee

Chair: Karen Goldstone MBE, Secretary: Colin Partington MBE

The role of the Committee is to recommend to the SRP President individuals who should be nominated for a UK Public Honour and prepare nominations for SRP to send to the Cabinet Office. The Committee also recommends annually to Council suitable recipients for one of the Society's honours - the Founders' Medal, Honorary Fellowship, and the Dunster Lecture. A nomination prepared by HNAC for UK Public Honours was submitted early in 2020. A previous nomination is still under consideration by the Cabinet Office. The pandemic has had far reaching effects on the honours system with honours for those excelling during the pandemic seemingly prioritised over other

scientific awards in 2021/22. We have therefore held back from preparing another nomination in 2021.

Despite HNAC preparing guidance and a form to elicit suggested recipients for Society Honours from SRP membership the response was disappointing in 2021. Key aims for HNAC are to improve engagement with the membership in seeking suggested recipients and to address issues of diversity. It is hoped that an article in preparation for *Radiation Protection Today* will go some way to addressing these issues.

Radiation Protection Council

SRP Licensor Representative: Peter Marsden

The Radiation Protection Council (RPC) maintains Registers of Chartered, Incorporated and Technical Radiation Protection Professionals. We also maintain the standards needed to attain registration. We have material on our website (www.ukrpc.org.uk) intended for the promotion of registration and its benefits to individuals and employers. We actively encourage relevant professional bodies to join the RPC as Licensees for the benefit of their members.

Several Council members have sought to extend their membership for a second term as allowed under the Terms of Reference. Dates have been adjusted to ensure there is suitable overlap of members' tenures. The Deputy Chair (James Wakefield) steps down this Autumn and a potential replacement is being interviewed in late April by the Chairman and Dr Marsden.

SRP Networks

Heads of Profession Network

The SRP Heads of Profession Network provides a forum for discussion and sharing of experience and good practice for SRP members and organisations interested in recruitment, retention, training and career development of radiation protection professionals. The Network has been running for three years utilising an SRP forum page and SRP Microsoft Teams channel. Two meetings are held each year via Teams. The network has grown to 41 registered members from 28 institutions. Additional networks have been discussed with the SRP Radiation Source Managers Network commencing in March 2022.

Financial Review - 2021

Society income in 2021 (2020) was £405,540 (£246,893). Resources expended were £368,960 (£251,685) resulting in a net surplus of £36,580 (net deficit of £4,792). After adjustments on fair value of investments, the net movement in funds was a surplus of £48,634 (net deficit of £19,983).

The significant income that was accrued in 2020 (£102,023) was due to the postponed Annual Conference which was realised in 2021, reducing our level of creditors in 2021.

Throughout 2021 there remained significant uncertainty in the impact on the Society due to the coronavirus pandemic. A shift was made towards getting back to physical meetings with the Annual Conference being run as a hybrid event, which was encouraging. Virtual committee and Council meetings were still in the majority. The importance of face to face meetings was recognised and these increased as the year progressed and also confirmed that a hybrid approach going forward is sustainable.

Taking in to account the uncertainty presented in 2021, the overall financial position of the Society remains encouraging. Trends in income, expenditure and overall Society values are regularly reviewed by Council in line with the Reserves Policy.

The subscription income of £108,661 was only slightly higher than budgeted expectations of £106,000. Income from the share of professional registrations with the Radiation Protection Council (RPC) of £6,606 is up from 2020, but still reflects the continuing reduction in members seeking reaccreditations under the scheme. The Society has recognised this trend and is working to redress this.

Expenditure of the RPC was £6,269 (£5,664) resulting in a small surplus of £2,292 (£1,146). The long term aim is that the RPC will operate on a cost neutral basis.

Event income was £131,700, which was predominately income in advance released from the 2020 Annual Conference which was postponed to July 2021. The Society successfully ran a number of free webinars, along with a small number of charged-for online events and one in person event. It is envisaged physical events will increase in 2022 although the Society remains committed to running free webinars. The Society remains in a strong financial position to react to any significant challenges presented with regard to physical attendance events.

Outreach spend in 2021 was significantly down from that in 2020. It is hoped that events such as the Big Bang Fair will be run again in 2022, and outreach activities can return to normal levels.

The Society continued charitable expenditure in 2021 with Awards Committee providing discretionary funding awards of £16,500, which is an increase compared to 2020 (£10,723). The full range of awards (Jack Martin, Philip Nicholson, RGG Best Presentation, Bernard Wheatley, and The Young Professionals) were made in 2021.

The Society continued to support the Higher Education Scheme, which is aimed at supporting individuals undertaking under- or post-graduate courses in Radiation Protection.

The Journal again provided a significant surplus in 2021 which was above expectations. The SRP profit share from Journal sales was £99,459, resulting in a net surplus of £56,399 after deduction of £43,060 printing, distribution and subscription costs to supply copies to SRP members. With the move to electronic only publishing of the Journal in 2022, the surplus from the Journal is expected to significantly increase in 2022.

Recruitment advertising income was £20,500, showing a significant increase from the previous year (£11,000). The Society is committed to retaining this valuable income stream and thanks are extended to all those who chose to advertise through the Society.

The *Radiation Protection Today* magazine was a major success, providing a surplus of £9,259. It is envisaged this will continue to provide a valuable income stream for the Society. Thank you to all those involved and those who chose to advertise in the magazine.

Administrative support for SRP continues to be provided by Harris Associates. Administrative service costs in 2021 were £118,392.

To reflect the increased activities of the Society and communication through the website, expenditure on website activities totalled £17,386. The expenditure is within the annual budgeted contract that was signed in 2019 with Pulse8.

The total market value of investments held at 31 December 2021 was £138,084 (£126,030). The increase reflecting confidence following the impact of the coronavirus.

Together with monies held in the Barclays Current and Savings Accounts of £329,175, there are sufficient reserves for the coming year.

Overall, the Society is in a strong financial position to grow our charitable activities in 2022.

The Society for Radiological Protection

Independent Examiner's Report to the trustees of The Society for Radiological Protection

I report on the accounts of the charity for the year ended 31 December 2021 which are set out on pages 1 to 40.

Respective responsibilities of trustees and examiner

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

It is my responsibility to:

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

Basis of independent examiner's report

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

Independent examiner's statement

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

(1) which gives me a reasonable cause to believe that in any material respect the requirements:

- to keep accounting records in accordance with section 130 of the Charities Act 2011; and
- to prepare accounts which accord with the accounting records, comply with the accounting requirements of the 2011 Act

have not been met; or

(2) to which, in my opinion, attention should be drawn in order to enable a proper understanding of the accounts to be reached.

.....

Mr A G Coombe FCA
Easterbrook Eaton Limited
Independent Examiners
Cosmopolitan House
Old Fore Street
Sidmouth, Devon, EX10 8LS

The Society for Radiological Protection

Statement of Financial Activities for the Year Ended 31 December 2021

	<u>Note</u>	<u>Unrestricted Funds</u> £	<u>Total 2021</u> £	<u>Total 2020</u> £
Income and Endowments from:				
Charitable activities	3	354,023	354,023	223,869
Other trading activities	4	46,056	46,056	17,030
Investments	5	5,324	5,324	5,502
Other income	5	137	137	492
Total Income		<u>405,540</u>	<u>405,540</u>	<u>246,893</u>
Expenditure on:				
Charitable activities	6	(285,427)	(285,427)	(174,335)
Other expenditure	7	(81,933)	(81,933)	(75,750)
Governance costs	8	(1,600)	(1,600)	(1,600)
Total expenditure		<u>(368,960)</u>	<u>(368,960)</u>	<u>(251,685)</u>
Net income/(expenditure) for the reporting period		36,580	36,580	(4,792)
Realised gains/(losses) on revaluation of investments		-	-	-
Unrealised gains/(losses) on revaluation of investments		12,054	12,054	(15,191)
Net movement in funds		<u>48,634</u>	<u>48,634</u>	<u>(19,983)</u>
Reconciliation of funds				
Total funds brought forward		<u>395,089</u>	<u>395,089</u>	<u>415,072</u>
Total funds carried forward		<u>443,723</u>	<u>443,723</u>	<u>395,089</u>

All of the Charity's activities derive from continuing operations during the above two periods.

The funds breakdown is shown in note 20.

The Society for Radiological Protection

Balance Sheet as at 31 December 2021

	Note	2021 £	2020 £
Current assets			
Stocks	12	3,141	4,832
Debtors	13	87,661	107,169
Investments	14	138,084	126,030
Cash at bank and in hand	15	329,175	357,977
		<u>558,061</u>	<u>596,008</u>
Creditors: Amounts falling due within one year	16	<u>(114,338)</u>	<u>(200,919)</u>
Net assets		<u>443,723</u>	<u>395,089</u>
Funds of the Charity:			
Unrestricted income funds			
Unrestricted income funds		443,723	395,089
Total funds	20	<u>443,723</u>	<u>395,089</u>

The financial statements on pages 1 to 42 were approved by the trustees, and authorised for issue on and signed on their behalf by:

.....
Mr P Morgan-Brown
Trustee

The Society for Radiological Protection

(Registration number: 1122804)

Statement of Cash Flows

	Total Funds 2021 £	Total Funds 2020 £
Cash flows from operating activities:		
<i>Net cash provided (used in) operating activities (As stated below)</i>	(34,126)	39,928
Cash flows from Investing activities:		
Net Proceeds from Investments	-	-
Dividends and interest receivable	5,324	5,502
Change in cash and cash equivalents in the reporting period	(28,802)	45,430
Cash and cash equivalents at the beginning of the reporting period	357,977	312,547
Cash and cash equivalents at the end of the reporting period	329,175	357,977
<u>Reconciliation of net Income/(expenditure) to net cash flow from operating activities</u>		
Net income/(expenditure) for the reporting period as per the Statement of Financial Activities	48,634	(19,983)
Adjustments for:		
(Gains)/losses on investments	(12,054)	15,191
Dividends and interest from investments	(5,324)	(5,502)
(Increase)/decrease in stocks	1,691	-
(Increase)/decrease in debtors	19,508	(28,711)
Increase/(decrease) in creditors	(86,581)	78,933
<i>Net cash provided by (used in) operating activities</i>	(34,126)	39,928
<u>Analysis of Cash and Cash Equivalents</u>		
Current Account	1,000	976
Deposit and Savings Accounts	328,175	357,001
Total cash and cash equivalents	329,175	357,977

The Society for Radiological Protection

Notes to the Financial Statements for the Year Ended 31 December 2021

1 Charity Status

The Charity is incorporated by Royal Charter – Company Number RC000820, and consequently does not have share capital. The Charity is registered with the Charity Commission – number 1122804.

The address of its registered office is:

DS009
Dartington Hall
Dartington
Devon
TQ9 6EN

2 Accounting policies

Summary of significant accounting policies and key accounting estimates

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

Statement of compliance

The financial statements have been prepared in accordance with Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (effective 1 January 2015) - (Charities SORP (FRS 102)), the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102). They also comply with the Companies Act 2006 and Charities Act 2011.

Basis of preparation

The Society for Radiological Protection 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 notes.

Going concern

The Trustees consider that there are no material uncertainties about the charity's ability to continue as a going concern nor any significant areas of uncertainty that affect the carrying value of assets held by the charity.

Income and endowments

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 the income receivable can be measured reliably.

The Society for Radiological Protection

Notes to the Financial Statements for the Year Ended 31 December 2021

Subscriptions, Events and Journal

Subscription, events and journal income is shown in the accounts on the basis of the date the income relates to, i.e. the membership period, the event date and the journal period covered. Income is also received in respect of annual registration for professional titles and recognised on the date those registrations are due.

Donations and legacies

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

Legacy gifts are recognised on a case by case basis following the grant of probate when the administrator/executor for the estate has communicated in writing both the amount and settlement date. In the event that the gift is in the form of an asset other than cash or a financial asset traded on a recognised stock exchange, recognition is subject to the value of the gift being reliably measurable with a degree of reasonable accuracy and the title to the asset having been transferred to the charity.

Expenditure

All expenditure is recognised once there is a legal or constructive obligation to that expenditure, it is probable settlement is required and the amount can be measured reliably. All costs are allocated to the applicable expenditure heading that aggregate similar costs to that category. Where costs cannot be directly attributed to particular headings they have been allocated on a basis consistent with the use of resources, with administration costs allocated on the basis of time spent, and depreciation charges allocated on the portion of the asset's use. Other support costs are allocated based on the spread of costs.

Raising funds

These are costs incurred in attracting voluntary income, the management of investments and those incurred in trading activities that raise funds.

Charitable activities

Charitable expenditure comprises those costs incurred by the charity in the delivery of its activities and services for its beneficiaries. It includes both costs that can be allocated directly to such activities and those costs of an indirect nature necessary to support them.

Governance costs

These include the costs attributable to the charity's compliance with constitutional and statutory requirements, including financial statements examination, strategic management and Trustees' meetings and reimbursed expenses.

The Society for Radiological Protection

Notes to the Financial Statements for the Year Ended 31 December 2021

Tangible fixed assets

Individual fixed assets are initially recorded at cost, less any subsequent accumulated depreciation and subsequent accumulated impairment losses.

Depreciation and amortisation

Depreciation is provided on tangible fixed assets so as to write off the cost or valuation, less any estimated residual value, over their expected useful economic life as follows:

Computer and office equipment	25% reducing balance basis
-------------------------------	----------------------------

Current asset investments

Current asset investments, other than programme related investments, are included at market value at the balance sheet date. Realised gains and losses on investments are calculated as the difference between sales proceeds and their market value at the start of the year, or their subsequent cost, and are charged or credited to the Statement of Financial Activities in the period of disposal.

Unrealised gains and losses represent the movement in market values during the year and are credited or charged to the Statement of Financial Activities based on the market value at the year end.

Stock

Stock is valued at the lower of cost and estimated selling price less costs to complete and sell, after due regard for obsolete and slow moving stocks. Cost is determined using the first-in, first-out (FIFO).

Trade debtors

Trade debtors are amounts due from customers for merchandise sold or services performed in the ordinary course of charity business, such as workshop and event income, advertising placements etc.

Trade debtors are recognised initially at the transaction price. They are subsequently measured at amortised cost using the effective interest method, less provision for impairment. A provision for the impairment of trade debtors is established when there is objective evidence that the charity will not be able to collect all amounts due according to the original terms of the receivables.

Cash and cash equivalents

Cash and cash equivalents comprise cash on hand and call deposits, and other short-term highly liquid investments that are readily convertible to a known amount of cash and are subject to an insignificant risk of change in value.

The Society for Radiological Protection

Notes to the Financial Statements for the Year Ended 31 December 2021

Fund structure

Unrestricted income funds are general funds that are available for use at the Trustees' discretion in furtherance of the objectives of the charity.

The charity currently has no restricted or designated funds.

Financial instruments

Classification

Financial assets and financial liabilities are recognised when the charity becomes a party to the contractual provisions of the instrument.

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

Recognition and measurement

All financial assets and liabilities are initially measured at transaction price (including transaction costs), except for those financial assets classified as at fair value through profit or loss, which are initially measured at fair value (which is normally the transaction price excluding transaction costs), unless the arrangement constitutes a financing transaction. If an arrangement constitutes a financing transaction, the financial asset or financial liability is measured at the present value of the future payments discounted at a market rate of interest for a similar debt instrument.

Financial assets and liabilities are only offset in the statement of financial position when, and only when there exists a legally enforceable right to set off the recognised amounts and the charity intends either to settle on a net basis, or to realise the asset and settle the liability simultaneously.

Financial assets are derecognised when and only when a) the contractual rights to the cash flows from the financial asset expire or are settled, b) the charity transfers to another party substantially all of the risks and rewards of ownership of the financial asset, or c) the charity, despite having retained some, but not all, significant risks and rewards of ownership, has transferred control of the asset to another party.

Financial liabilities are derecognised only when the obligation specified in the contract is discharged, cancelled or expires.

Fair value measurement

The best evidence of fair value is a quoted price for an identical asset in an active market. When quoted prices are unavailable, the price of a recent transaction for an identical asset provides evidence of fair value as long as there has not been a significant change in economic circumstances or a significant lapse of time since the transaction took place. If the market is not active and recent transactions of an identical asset on their own are not a good estimate of fair value, the fair value is estimated by using a valuation technique.

The Society for Radiological Protection

Notes to the Financial Statements for the Year Ended 31 December 2021

3. Income from Charitable Activities

	Unrestricted Funds 2021 £	Total 2021 £	Total 2020 £
Subscription Income	108,661	108,661	106,377
Conferences and Workshops	131,700	131,700	113,493
Journal: SRP (JRP)	99,459	99,459	94,247
Journal: Health Physics	1,504	1,504	1,925
Radiation Protection Council (RPC) (Note 19)	8,561	8,561	6,810
Donation to support Outreach	529	529	601
Partner Societies: IRPA Subscriptions	1,734	1,734	1,509
Partner Societies: International Engagement	1,875	1,875	2,375
Total	354,023	354,023	327,337

4. Income from Other Trading Activities

	Unrestricted Funds 2021 £	Total 2021 £	Total 2020 £
Recruitment Advertising	20,500	20,500	11,000
Magazine Advertising Income	17,995	17,995	-
Professional Title Annual Fees	6,606	6,606	5,580
Professional Title Application Fees	955	955	450
Total	46,056	46,056	17,030

5. Investment and Other Income

	Unrestricted Funds 2021 £	Total 2021 £	Total 2020 £
Other income			
Miscellaneous Income and Merchandise Sales	137	137	492
Total	137	137	492
Investment income			
Bank and Other Interest Receivable	32	32	613
Dividend Income	5,292	5,292	4,889
Total	5,324	5,324	5,502

The Society for Radiological Protection

Notes to the Financial Statements for the Year Ended 31 December 2021

6. Direct Charitable Expenditure

	Unrestricted Funds 2021 £	Total 2021 £	Total 2020 £
Journal of SRP	43,060	43,060	38,507
Journal Board	2,012	2,012	343
Journal (Health Physics)	1,500	1,500	1,968
Conferences and Workshops	111,206	111,206	8,239
Awards (see below)	18,500	18,500	12,723
Subscriptions (See Note 6.2)	1,033	1,033	1,040
Outreach Expenditure (See Note 6.1)	646	646	9,426
Committees (See Note 6.3)	4,911	4,911	6,178
Magazine Costs	8,736	8,736	-
IRPA Expenditure (See Note 6.1)	-	-	9,119
Administrative Support	69,835	69,835	69,835
Marketing	4,959	4,959	3,732
Website Costs	17,386	17,386	12,613
Printing and stationery	54	54	448
Postage and telephone	1,589	1,589	1,609
Total	285,427	285,427	175,780

Awards and Bursaries

Bursaries and awards were paid as follows in the year in furtherance of the charitable objectives, namely of communicating radiation protection knowledge, promoting radiation protection education and promoting high scientific, educational and professional standards, including working with other similar societies to meet these objectives.

There are no further commitments for the charity, however the Jack Martin Award, Philip Nicholson Award, RGG Best Presentation Award, Bernard Wheatley Award and Young Professionals Awards are expected to continue in future years.

Such are the levels of awards and bursaries in the year, no apportionment of support costs have been allocated as part of the costs as the Trustees feel such apportionment would be trivial.

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Notes to the Financial Statements for the Year Ended 31 December 2021

Awards granted in the year were as follows:	Total	Total
	2021	2020
<u>Awards, Bursaries and Donations</u>	£	£
Individuals		
Jack Martin Award	500	-
Philip Nicholson Award	500	-
RGG Best Presentation Award	500	-
Bernard Wheatley Award	1,500	500
Young Professionals Award	500	-
Discretionary Funding and Awards	13,000	10,223
	16,500	10,723
Institutions		
Science Media Centre	2,000	2,000
Total Paid in Year	18,500	12,723

6.1 Outreach and IRPA Expenditure

Outreach

Public and Schools Outreach	646	9,426
	646	9,426

IRPA

IRPA15 Congress	-	5,869
IRPA15 Bursary Donation (IRPA Montreal Fund)	-	3,250
	-	9,119

6.2 Subscriptions

Foundation for Science and Technology	270	270
Parliamentary & Scientific Committee	385	355
EUTERP	378	415
	1,033	1,040

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Notes to the Financial Statements for the Year Ended 31 December 2021

6.3 Committee Expenses, Charitable Expenditure

	Total 2021
<u>Professional Standards Directorate</u>	65
Professional Standard Directorate Board	-
Qualifications and Professional Standards Committee	-
Registrations Approval Committee	-
Awards and Sponsorship Committee	<u>65</u>
<u>Science & Technology Directorate</u>	1,403
Science & Technology Directorate Board	851
EMF and Optical Radiation Committee	-
Legislation and Standards Committee (including BSS and Brexit Working Groups	-
Metrology and Measurement Science Committee	100
Medical Committee	-
Nuclear Industries Committee	-
Non Nuclear Industry Committee	130
Research and Teaching Committee	223
Scottish Regional Committee	40
Source Security and Emergency Planning Committee	<u>59</u>
<u>Engagement Directorate</u>	3,443
Engagement Directorate Board	-
Communications Committee	260
Events Committee	826
Outreach Committee	150
Rising Generations Group	-
Committee for Liaison with IRPA & Partner Societies	-
Affiliated Organisations	2,207
Stakeholder Liason	<u>-</u>
	<u><u>4,911</u></u>

The Society for Radiological Protection

Notes to the Financial Statements for the Year Ended 31 December 2021

7. Other Expenditure – management and administration

	Unrestricted Funds 2021 £	Total 2021 £	Total 2020 £
Council meeting expenses	2,729	2,729	737
President, Patron and Officers Initiatives	7,988	7,988	1,248
Committees (See Note 7.1)	4,318	4,318	4,488
IRPA Subscription	5,428	5,428	5,703
RPC Expenditure	6,269	6,269	5,664
Administrative support (See Note 18)	43,807	43,807	43,807
Professional Title Expenditure (SRP)	2,000	2,000	2,000
SRP Licensee fee to RPC	1,000	1,000	1,000
Accountancy Fees	1,800	1,800	1,800
Professional Fees - Specialist VAT Advice	-	-	2,250
Insurance	2,285	2,285	2,056
Credit Card and Bank Charges	2,650	2,650	3,756
Archivist and Storage Costs	934	934	715
Miscellaneous	725	725	526
Total	81,933	81,933	75,750

7.1 Other Expenditure – Committees Expenses, Non Charitable Expenditure

	Total 2021
<u>Professional Standards Directorate</u>	8
Membership Committee	<u>8</u>
<u>Operations Directorate</u>	4,310
Operations Directorate Board	-
Finance Committee	-
Honours Nominations Advisory Committee (including expenses relating to awards made)	2,417
Electoral Administrative Expenses	-
Governance Committee	510
Strategy & Risk Review Committee	904
IT Committee	479
Marketing and Revenue Generation Working Group	<u>-</u>
Total	4,318

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Notes to the Financial Statements for the Year Ended 31 December 2021

8. Governance Costs

	Unrestricted Funds	Total	Total
	2021	2021	2020
	£	£	£
Independent Examiner's fees	1,600	1,600	1,600
Total	1,600	1,600	1,600

9. Trustees remuneration and expenses

No trustees, nor any persons connected with them, have received any remuneration from the charity during the year.

No trustees have received any other benefits from the charity during the year.

Trustees were reimbursed for their expenses incurred in the duty of their position, mainly related to the attendance at meetings in furtherance of the charitable activities, totalling £2,246 in the year (2020: £1,980).

10. Net outgoing resources for the year include:

	Unrestricted Funds	Total	Total
	2021	2021	2020
	£	£	£
Accountancy fees	1,800	1,800	1,800
Independent Examiner's fees	1,600	1,600	1,600

11. 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 with 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.

12. Stock

	Unrestricted Funds	Total	Total
	2021	2021	2020
	£	£	£
Promotional goods and merchandise for workshops and events	1,776	1,776	3,163
Medals	1,365	1,365	1,669
Total	3,141	3,141	4,832

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Notes to the Financial Statements for the Year Ended 31 December 2021

13. Debtors

	Total 2021 £	Total 2020 £
Journal: SRP (JRP) - 2021 Surplus	56,399	55,740
Merchandise and Miscellaneous Debtors	-	914
VAT	4,303	5,153
Prepayments	13,529	41,568
Conference and Workshop debtors	500	275
Recruitment Advertising debtors	7,700	2,600
Magazine Advertising debtors	5,230	-
Partner Societies debtors	-	375
Gift Aid Recoverable	-	544
Total	87,661	107,169

14. Current Asset Investments

	Total 2021 £	Total 2020 £
Market value as at 01.01.2021	126,030	141,221
Disposal Proceeds	-	-
Realised gain/(loss)	-	-
Unrealised gain/(loss)	12,054	(15,191)
Market value at 31.12.2021	138,084	126,030

Market Value	2021 £	2020 £
M&G Charibond Fixed Interest Fund	24,652	25,467
M&G European Income Fund	30,039	26,826
M&G Dividend Income Fund	8,306	7,510
M&G Charifund Income Fund	75,087	66,227
Total	138,084	126,030

Cost	£
M&G Charibond Fixed Interest Fund	25,000
M&G European Income Fund	5,000
M&G Dividend Income Fund	4,999
M&G Charifund Income Fund	17,500
Total	52,499

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Notes to the Financial Statements for the Year Ended 31 December 2021

15. Cash at bank and in hand

	Total 2021 £	Total 2020 £
Barclays Base Rate Reward	205,579	205,560
Barclays Active Saver	122,596	151,441
Barclays Current	1,000	976
Total	329,175	357,977

16. Creditors: Amounts falling due within one year

	Total 2021 £	Total 2020 £
Sundry creditors	24,897	14,698
Advance subscriptions (see note 17)	70,250	79,978
Accruals	3,400	3,400
Journal: Health Physics (in advance)	764	820
Deferred income (see note 17)	15,027	102,023
	114,338	200,919

17. Deferred Income and Subscriptions Received in Advance

<u>Subscription Income Received in Advance and Deferred to the Year Applicable to that Subscription</u>	Total 2021 £	Total 2020 £
Amounts brought forward	79,978	66,895
Amounts released in year	(79,978)	(66,895)
Amounts received in year, in advance, and carried forward	70,250	79,978
Amounts as per balance sheet	70,250	79,978

<u>Deferred Income Received for Charitable Events to be Held in Following Year</u>	Total 2021 £	Total 2020 £
Amounts brought forward	102,023	34,816
Amounts released in year	(102,023)	-
Amounts received in year, in advance, and carried forward	15,027	67,207
Amounts as per balance sheet	15,027	102,023

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Notes to the Financial Statements for the Year Ended 31 December 2021

18. Administration and Support Costs Allocations

Year Ended 31.12.2021

	Total £	RPC £	Professional Titles £	Direct Charitable Expenditure £	Management, Administration and Support Costs £
Administration Fees	118,392	2,750	2,000	69,835	43,807

Year Ended 31.12.2020

	Total £	RPC £	Professional Titles £	Direct Charitable Expenditure £	Management, Administration and Support Costs £
Administration Fees	118,392	2,750	2,000	69,835	43,807

The term Professional Titles refers to work relating to CRadP, IRadP and TechRadP.

Administration and support costs are allocated on the basis of time spent on those activities. Other (non-shared) administrative expenses have been allocated to charitable or management/admin support on an actual basis (not apportioned in above).

The Society for Radiological Protection

Notes to the Financial Statements for the Year Ended 31 December 2021

19. Radiation Protection Council (RPC) Income and Expenditure Statement

	Total 2021 £	Total 2020 £
Income		
Licence Fees	1,000	1,000
Professional Title Annual Fees	6,606	5,360
Professional Title Application Fees	<u>955</u>	<u>450</u>
Total	8,561	6,810
Expenditure		
Admin Support	2,750	2,750
Honoraria	2,500	2,500
Miscellaneous	<u>1,019</u>	<u>414</u>
	6,269	5,664
Surplus/(Deficit)	2,292	1,146

20. Funds

	Balance at 1 January 2021 £	Incoming resources £	Resources expended £	Other recognised gains/(losses) £	Balance at 31 Dec 2021 £
Unrestricted Funds	395,089	405,540	(368,960)	12,054	443,723

	Balance at 1 January 2020 £	Incoming resources £	Resources expended £	Other recognised gains/(losses) £	Balance at 31 Dec 2020 £
Unrestricted Funds	415,072	246,893	(251,685)	(15,191)	395,089