

# **The Nuclear Institute**

Consolidated financial statements

For the year ended 31 December 2013

**Charity no:** 1125404  
**Company no:** 06574762

## Legal and administrative details

The Nuclear Institute was formed as an incorporated association, a company limited by guarantee number 06574762, by the constitution adopted on 23 April 2008. It is exempt under Section 60 of the Companies Act 2006 from the use of "Limited" within its name. It is also a registered charity, number 1125404.

|   |  |
|---|--|
| <b>President and Chairman</b>                         | Timothy Chittenden   |
| <b>Principal office</b>                               | CK International House<br>1-6 Yarmouth Place<br>London<br>W1J 7BU  |
| <b>Investment managers</b>                            | Coutts & Co<br>440 Strand<br>London<br>WC2R 0QS  |
| <b>Bankers</b>  | National Westminster Bank Plc<br>Charing Cross Branch<br>PO Box 113<br>Cavell House<br>2a Charing Cross Road<br>London<br>WC2H 0PD |
| <b>NI Enterprises Limited<br/>(Registered Office)</b> | CK International House<br>1-6 Yarmouth Place<br>London<br>W1J 7BU  |
| <b>Auditor</b>  | Kingston Smith LLP<br>Orbital House<br>20 Eastern Road<br>Romford<br>Essex<br>RM1 3PJ  |

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## Report of the trustees

### Report of the Trustees

The trustees present their report together with the financial statements of The Nuclear Institute (the 'Institute') for the year ended 31 December 2013. The financial statements have been prepared in accordance with the accounting policies set out herein and comply with the current statutory requirements, applicable law and the Statement of Recommended Practice "Accounting and Reporting by Charities" issued in October 2007.

#### Organisational structure

The Trustees who served during the year were:

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Mr Norman Harrison              | President until 21 October 2013   |
| Rear Admiral Timothy Chittenden | President from 21 October 2013    |
| Mr Kirk Mayer                   | Honorary Treasurer                |
| Mr Connor Deehan                | (resigned 31/12/2013)             |
| Mr Iain Gray                    | (resigned 31/12/2013)             |
| Mr Richard Lockwood             | Chair of the Membership committee |
| Mr Mark Lyons                   | (elected 01/01/2013)              |
| Mr Roy Manning                  |                                   |
| Mrs Corhyn Parr                 |                                   |
| Mr Alfred Sheil                 |                                   |
| Mr Richard Swinburn             | (resigned 31/12/2013)             |
| Dr Ali Tehrani                  |                                   |
| Mr Richard Tobin                | (elected 01/01/2013)              |
| Dr David Whitworth              | (resigned 31/12/2013)             |
| Mr Christopher Williams         |                                   |

#### Structure, Governance and Management

The Nuclear Institute (NI) was founded in 2008. The Members of the Board are the President, Vice President, The Honorary Treasurer and Chair of the Membership Committee, and up to 11 Ordinary Members. Trustees serve for a maximum of six years in two 3-year terms.

During 2013, all Trustees received training on the roles and responsibilities of trustees delivered by an external expert and have access to the services of the Trustees Office to provide information and support as required. Each trustee is given the appropriate supporting documentation from the Charity Commission.

## Report of the trustees

### Organisational Structure and Decision-making

The Trustees meet regularly throughout the year to conduct the business of the Institute in accordance with the Memorandum and Articles of Association and from time to time hold meetings or part thereof, at which Trustees only are present.

#### Trustee attendance at Board Meetings during 2013

Mr Norman Harrison – five of six meetings

Rear Admiral Timothy Chittenden – five of six meetings

Mr Kirk Mayer – six of six meetings

Mr Connor Deehan – one of six meetings

Mr Iain Gray – three of six meetings (one by teleconference)

Mr Richard Lockwood – five of six meetings

Mr Mark Lyons – four of six meetings

Mr Roy Manning – three of six meetings

Mrs Corhyn Parr – one of six meetings

Mr Alfred Sheil – three of six meetings (one by teleconference)

Mr Richard Swinburn – six of six meetings

Dr Ali Tehrani – two of six meetings (both by teleconference)

Mr Richard Tobin – one of six meetings (by teleconference)

Dr David Whitworth – four of six meetings

Mr Christopher Williams – three of six meetings

The Trustees have approved and put in place formal Delegations of Authority. It is the policy of the Board of Trustees that authority shall be delegated to the greatest extent compatible with the Trustees' overall direction and control of the Institute and to the point in the Institute where it can be exercised most effectively. The Trustees retain responsibility for all acts taken under these delegated responsibilities.

An annual business planning cycle is in place. The Trustees monitor progress on a regular basis against strategic objectives and budgets set out in the Business Plan.

The Trustees have established the following structure of Boards and Committees from within the membership to monitor and control key areas of the NI:

- Audit Committee
- Finance & Business Planning Committee
- Membership Committee
- Education & Training Committee
- Events Committee
- Editorial Committee
- Branch Chairs Committee

All of these committees act under terms of reference detailed in the Bye-laws.

## Report of the trustees

During 2013, the Trustees began a review of the governance structure of the Nuclear Institute to bring it in line with sector best practice and to better deliver the Institute's charitable objectives.

### **Objectives and Policies**

The objects for which the Company is established are:-

- the advancement of education relating to nuclear energy and its application and ancillary subjects;
- the advancement of nuclear science, engineering and technology;
- in the interests of public safety, the promotion of high standards of education and professional performance amongst those engineers, scientists and others working within the nuclear industry;
- the promotion of the public understanding of nuclear sciences and the impact on society and the environment; and
- To undertake such other charitable purposes as the Trustees shall in their discretion from time to time decide.

The activities of the Institute cover all aspects of nuclear energy and are not limited to a particular range of disciplines.

Membership of the NI is promoted to encourage and enable a commitment to professional development. Membership brings active individuals into closer contact with like-minded people, encouraging the flow of knowledge and the development of member-led activities across geographic and technical boundaries. The NI is also able to benefit from the contribution of the time and expertise of many member volunteers in addition to subscription income in achieving its charitable objectives. Membership is open to everyone with an interest in nuclear matters and reduced rates are provided to retired people and students.

The NI seeks to increase the generation of new knowledge by encouraging relevant research, cross disciplinary and international collaboration, and promoting the benefits of innovation, research and development to industry. The NI devotes significant resources to promoting public awareness and informing public and policy debate on relevant issues, including actively seeking to promote engineering to young people. The NI also encourages the sharing of best practice between corporate and educational stakeholders.

The NI has a licence from the Engineering Council to register suitably qualified professional members as Chartered Engineers, Incorporated Engineers and Engineering Technicians, together with a licence from the Science Council to register Chartered Scientists. Both licences are for five years and subject to review and renewal in late 2015.

### **Membership**

Membership is open to all those who have an active interest in nuclear energy matters. There are two types of membership, professional and learned. Specific academic or professional qualifications are only required for professional grades of membership who comprise Fellows, Members, Associate Members Technician Members and Graduates. Learned membership is open to everyone with an interest in nuclear matters and reduced rates are provided to retired people and students. Members may be drawn from institutions, associations, academia, business and individuals. Fellows, Members, Associate Members and Technician Members are entitled to use post nominals.

## Report of the trustees

### **Membership Contribution**

The NI operates as a membership body with the objectives of bringing individuals with an interest in nuclear technology into contact with each other to share knowledge, undertake learning through the range of NI products and services, and take part in organising the NI's many activities.

The total number of members at the end of 2013 stood at 1876.

The Trustees greatly value the financial and time contribution made by members recognising that NI is dependent on the efforts of many unpaid volunteers who give their time and expertise to boards and committees, providing governance and generating events and professional development activities as well as involvement in the publishing processes.

### **Membership Committee**

In addition to the ongoing assessment and admittance of candidates for professional membership and registration, the key membership committee activity this year has been taking forward collaboration with the National Skills Academy for Nuclear on approving apprenticeship schemes against the UK-SPEC professional registration requirements and the Nuclear Institute's Nuclear Delta. Following desk top analysis and a site visit, the Sellafield Design Apprenticeship scheme was formally approved as meeting the requirements for membership and registration as a Technician Engineer towards the end of 2013. This collaboration has identified many such national apprenticeships and company training schemes suitable for approval or endorsement going forward.

During 2013, the Committee endorsed the EDF Graduate Scheme against the Nuclear Delta.

### **Branches**

The regional branches of the Nuclear Institute (NI) represent the "engine room" of the organisation with much of the activity being carried out through this route. There are nine branches (shown geographically North to South):

- Central and Southern Scotland Branch
- North East Branch
- Cumbria Branch
- North West Branch
- Midlands Branch
- Central England Branch
- Western Branch
- South East Branch
- London Branch

Additionally, and treated as a Branch, is the Young Generation Network (YGN) which operates nationally and has strong international links and the South African Branch which is an affiliated organisation.

## Report of the trustees

The Branches have four main activities although there is significant linkage and overlap between them. These activities are aimed at delivering the NI's charitable objects or generating revenue to facilitate that delivery. The activities are:

- **Seminars and Lectures**

A series of evening talks during the period September to April. These talks are free and open to the general public. They are broadly aimed at raising the profile of nuclear matters and enhancing nuclear knowledge at large.

Many branches collaborate with the regional groups of other professional bodies, for example Institution of Chemical Engineers and Institute of Physics, in offering joint seminars and lectures.

- **Supporting Education and Training**

- All branches, and particularly the YGN, have strong links to local schools and colleges characterised by offering talks on nuclear aimed at de-mystifying the technology and hopefully encouraging youngsters to think about careers in the nuclear sector.

- The annual Young Speaker Competition involves a series of regional competitions culminating in the National Grand Final. Young professionals and students present on a nuclear-related topic. This helps to develop their presentation skills.

- A number of branches have active STEM outreach programme into secondary education

- A number of branches have established links with Higher Education and Further Education Institutions undertaking lectures on nuclear energy and careers in the nuclear industry

- Some of the branches have engaged with science and technology events including the regional Big Bang programme for young engineers and scientists.

- **Generating new NI members**

- Branches have strong links to local organisations within industry and academia and through these routes promote the NI with the aim of increasing membership.

- **Hosting local annual dinners**

- Most Branches host annual dinners. These represent excellent networking events for those in the nuclear sector in that region and also raise the NI profile and potentially attract new members. These are fund raising activities to support delivery of the NI charitable objects.

### **Delivering Public Benefit**

The trustees have given due consideration to the Charity Commission's published guidance on the operation of the Public Benefit Requirements. The Nuclear Institute operates as a technical publisher, events organiser and public champion of issues relating to nuclear energy, as well as a membership body. While some of the Institute's work engages directly with the general public, for example the Institute operates a number of open and free evening lectures, the bulk of the Institute's public benefit is provided by supporting the generation and dissemination of knowledge amongst members and other individuals actively engaged in science, engineering and technology of nuclear energy.

The Institute also undertook a lead in the area of education and training by running conferences linked to Nuclear New Build and Decommissioning as well as smaller seminars.

During 2013, the Institute spent over £63,535 (2012: £37,530) on a number of different education and training initiatives.

## Report of the trustees

### Education and Training Committee

During 2013, the Education and Training Committee met five times in addition to a number of sub-meetings for individual project execution. 2013 saw the E&T Committee working to a new strategy and business plan, with the following key objectives:

1. Promote Nuclear Delta concept into education & training of all individuals working in the nuclear industry over their lifetime.
2. Act as the advisory body within NI at national level that reviews and provides independent advice to key stakeholders on nuclear skills.
3. Act as the advisory body within NI that provides independent advice on nuclear skills via education and training pathways for anyone in the nuclear industry.
4. Advises and recommends to NI Board of Trustees on the selection and award of NI Prizes/Awards
5. Provides funding and support for current and new nuclear skills initiatives.

In addition to its own activities, the E&T Committee works in collaboration both within in the NI with the Membership Committee, Branches and YGN to help deliver the wider NI objectives on nuclear skills as well as key external stakeholders/partners including NSA Nuclear, Cogent, Engineering UK, NESA, STEMNet, IoP, UK HuP and ECITB.

The E&T Committee deliverables during 2013 included:

- Developed NI E&T Stakeholder Map and Strategy for Engagement
- Produces a Strategy Paper which received BoT approval for a revised approach on NI Awards and Prizes (to be implemented in 2014)
- Continued support to the Nuclear Academic Industry Liaison Sub-Committee including funding a revamped UK Nuclear University Network website, funding students to attend the Universities Nuclear Technology Forum and a number of NI MSc Prizes across a number of universities courses
- Development and funding for a virtual nuclear reactor simulator to be web hosted which will allow the public to understand the basic aspects of how a nuclear reactor works
- Through the NI Young Generation Network (YGN) to support the Engineering Your Future and STEM Ambassador programmes
- Through the NI YGN, facilitated opportunities for students and young professionals to attend NI seminars and conferences for free.
- Support for a group of students to attend the Frederic Joliot Otto Hahn Summer School
- Support for a group of students to attend the IEEE ANIMA Conference
- Support for nuclear graduates scheme (Supernova Initiative) that helps STEM outreach in Derby
- Support for a group of students to visit to Leibstadt BWR
- Provision of some radiological Monitoring Equipment for NI NE Branch educational outreach programme

### Events Committee

The Events Committee organised a full programme of events for 2013 supported by a range of event specific volunteers. The main events were United Kingdom Decommissioning and Waste Management (UKDWM) and NI Congress. In addition Nuclear New Build (NNB2013) was organised jointly with Nuclear Industries Association and Institute of Mechanical Engineers. The trend of 2012 continued with fewer delegates attending all three of these major events. It was decided to trial the use of conference service providers. Dinners continued to be financially successful with five branch dinners, including an inaugural one for London Branch, and the NI/NIA Annual Dinner.

During 2013, the NI YGN has held a multitude of events, including two new events, the mechanical handling workshop and networking workshop. The 'Introduction to' seminars have remained ever popular

## Report of the trustees

with Introduction to Waste Management and Decommissioning, Power Generation, Defence, Regulation, and Legal and Commercial held throughout the year providing young people with an opportunity to attend technical tours and learn from expert knowledge. The NI YGN 2013 Excellence Prize was awarded to Ravi Patel recognising his achievement and support of the NI YGN in organising the Introduction to Defence event.

### **Editorial Committee**

During 2013, the Editorial Committee continued to oversee the content and production of Nuclear Future, the NI's journal. During the year, six issues were produced on the following topics:

- Skills, education and training
- New build
- Safety, security and safeguarding
- Decommissioning
- Construction
- International

The journal continued to grow in 2013 with increasing numbers of library subscribers and advertisers during the year.

### **STRATEGIC REPORT**

#### **Developments and Achievements during the Year**

##### **Public Affairs**

Objectives in this area are to provide informed opinion to guide policy formation and, where appropriate, to engage the public in understanding relevant technical issues.

Submissions to UK government policy debate have included responding to government consultations on:

Managing Radioactive Waste Safely: Consultation on a revised siting process for a geological disposal facility.

The Nuclear Institute maintains links with International Nuclear organisations including the European Nuclear Society and its YGN circuit. In 2013, the NI built on our international links by hosting technical tours of the Ukraine, visiting Chernobyl and Zaporizhzhja for YGN members and to France, visiting Flamanville for NI South East Branch members.

Each month, the NI communicates with 3000 nuclear professionals via its newsletters and social media presence.

##### **Operational improvements**

In spring 2013, the NI launched its new website. Building on significant operational improvements made during 2012, the NI completed its investment in new infrastructure by launching its website on a new platform.

## Report of the trustees

### **Financial and Business Planning Committee**

The Finance and Business Planning (F&BP) Committee exercises oversight of the Nuclear Institute's finance and business systems, ensuring that the necessary processes are in place and operating effectively. The F&BP provides advice to the Board of Trustees on budgets, plans and in year performance to support delivery of the Nuclear Institute's charitable objectives.

A significant element of this is the development of and recommendation to the Board of Trustees of the Nuclear Institute's annual budget and business plan. During 2013 further improvements to the budget development process have been delivered, in particular provision of guidance and targets at the start of the planning cycle for Branches and Committees. This contributed to one of the earliest approvals of a budget and business plan for the 2014 cycle.

Periodic reviews of the organisation's management accounts have been carried out, with a particular focus on event performance and cash flow, both of which continue to pose challenges.

The F&BP Chairman retired at the end of 2013 with completion of his second term as Trustee. Following a review during 2013 of the Nuclear Institute governance arrangements Trustees concluded that the Treasurer should chair the F&BP. The Chairman of this committee would like to thank committee members, and particularly the outgoing Chairman, for their participation in this committee.

### **Audit Committee**

The audit committee met twice in 2013 to monitor the governance structure of the Nuclear Institute. During the year, the committee agreed a schedule of internal audits which will be carried out in 2014.

### **Financial Review**

The Consolidated Statement of Financial Activities on page 13 reflects the performance of the Institute for year ending 31st December 2013.

Income from the trading company, NI Enterprises Limited, for the year amounted to £974,875 and expenditure, excluding an intercompany management charge of £41,000, being £717,112. In the year ending 2013 the trading company made a surplus of £216,763 for the group.

During the year, the Nuclear Institute received 'gifts in kind', these included meeting rooms, meeting refreshments and site visits. The value of the gift is shown in note 2.

### **Investment Policy**

The risk requirement is managed at an overall level by diversifying the investment portfolio between different asset classes and geographic markets which have been agreed with individual managers together with maximum ranges for these allocations.

The NI's investment portfolio is managed by Coutts & Co.

The NI has tailored benchmarks agreed with the investment managers, the Total Fund benchmark being a weighted average of the two individual managers' benchmarks.

The market values of the Group's investments were £645,135 at 31 December 2013 (2012: £582,017).

## Report of the trustees

### Reserves Policy

The trustees consider it prudent to keep unrestricted reserves at levels which ensure that there are sufficient funds to meet the needs of current and future activities. Trustees are considering designating sufficient funds from unrestricted reserves into: Operations, Development and New Initiatives Reserves in future years.

The level of free reserves, currently at £649,769 is equal to 15 months of running costs. The Trustees are reviewing the reserves policy.

### Risk Management

The importance of risk management continues to be fully accepted by the Trustees.

### Trustees' Responsibilities for the Financial Statements

The trustees are responsible for preparing the report of the trustees and the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

The law applicable to charities in England & Wales requires the trustees to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the charity and the group and of the incoming resources and application of resources of the charity for that period. In preparing these financial statements, the trustees are required to:

- select suitable accounting policies and then apply them consistently;
- make judgments and estimates that are reasonable and prudent;
- state whether applicable accounting standards have been followed, subject to any material departures disclosed and explained in the financial statements; and
- Prepare the financial statements on the going concern basis unless it is inappropriate to presume that the charity will continue in business.

The trustees are responsible for keeping proper accounting records that disclose with reasonable accuracy at any time the financial position of the charity and enable them to ensure that the financial statements comply with the Charities Act 2006, the Charity (Accounts and Reports) Regulations and the provisions of the trust deed. They are also responsible for safeguarding the assets of the charity and the group and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

In so far as the trustees are aware:

- there is no relevant audit information of which the charity's auditor is unaware; and
- The trustees have taken all steps that they ought to have taken to make themselves aware of any relevant audit information and to establish that the auditor is aware of that information.

The trustees are responsible for the maintenance and integrity of the charity and financial information included on the charity's website. Legislation in the United Kingdom governing the preparation and dissemination of financial statements may differ from legislation in other jurisdictions.

## Report of the trustees

### **Auditors**

The Decision was taken at the 2013 AGM to retender for Auditors during 2014.

The Annual Report was approved by the Board of Trustees and signed on its behalf by:



**Rear Admiral Timothy Chittenden - President**

Date: 22 August 2014

**Charity No: 1125404**

**Company No: 06574762**

# Report of the independent auditors to the members of The Nuclear Institute

We have audited the financial statements of The Nuclear Institute for the year ended 31 December 2013 which comprise the Consolidated Statement of Financial Activities, the Consolidated and Charity Balance Sheets, and the related notes. The financial reporting framework that has been applied in their preparation is applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

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 and trustees those matters which 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 any party other than the charitable company and charitable company's members as a body for our audit work, for this report, or for the opinions we have formed.

## **Respective responsibilities of trustees and auditors**

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.

Our responsibility is to audit and express an opinion on the financial statements in accordance with applicable law and International Standards on Auditing (UK and Ireland). Those standards require us to comply with the Auditing Practices Board's Ethical Standards for Auditors.

## **Scope of the audit of the financial statements**

An audit involves obtaining evidence about the amounts and disclosures in the financial statements sufficient to give reasonable assurance that the financial statements are free from material misstatement, whether caused by fraud or error. This includes an assessment of: whether the accounting policies are appropriate to the charity's circumstances and have been consistently applied and adequately disclosed; the reasonableness of significant accounting estimates made by the trustees; and the overall presentation of the financial statements. In addition we read all the financial and non financial information in the Annual Report to identify material inconsistencies with the audited financial statements and to identify any information that is apparently materially incorrect based on, or materially inconsistent with, the knowledge acquired by us in the course of performing the audit. If we become aware of any apparent material misstatements or inconsistencies we consider the implications for our report.

## **Opinion on the financial statements**

In our opinion the financial statements:

- give a true and fair view of the state of the group's and the parent charitable company's affairs as at 31 December 2013 and of the group's incoming/outgoing resources and application of resources, including its income and expenditure, for the year then ended; and
- 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.

## **Opinion on other matters prescribed by the Companies Act 2006**

In our opinion the information given in the Trustees' Annual Report for the financial year for which the financial statements are prepared is consistent with the financial statements.

# Report of the independent auditors to the members of The Nuclear Institute

**Matters on which we are required to report by exception**

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

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



**Brian Pope (Senior Statutory Auditor)**  
**for and on behalf of Kingston Smith LLP**

**Chartered Accountants**  
**Statutory Auditor**



Orbital House  
20 Eastern Road  
Romford  
Essex  
RM1 3PJ

## Consolidated statement of financial activities

|  | Note | Unrestricted<br>£ | Total<br>2013<br>£ | Total<br>2012<br>£ |
|--|------|-------------------|--------------------|--------------------|
| <b>Incoming resources</b>                      |      |                   |                    |                    |
| Incoming resources from generated funds:       |      |                   |                    |                    |
| Voluntary income                               | 2    | 2,198             | 2,198              | 7,947              |
| Investment income and interest                 | 3    | 12,255            | 12,255             | 11,722             |
| Incoming resources from charitable activities: |      |                   |                    |                    |
| Members' subscriptions                         |      | 170,907           | 170,907            | 177,680            |
| Operational programmes                         | 4    | 9,646             | 9,646              | 23,988             |
|  |      | <u>195,006</u>    | <u>195,006</u>     | <u>221,337</u>     |
| Activities for generating funds:               |      |                   |                    |                    |
| Trading operations                             | 5    | <u>974,875</u>    | <u>974,875</u>     | <u>636,832</u>     |
| <b>Total incoming resources</b>                |      | <u>1,169,881</u>  | <u>1,169,881</u>   | <u>858,169</u>     |
| <b>Charitable expenditure</b>                  |      |                   |                    |                    |
| Costs of generating funds                      |      | 717,112           | 717,112            | 426,672            |
| Charitable activities                          |      | 396,511           | 396,511            | 350,277            |
| Governance costs                               |      | <u>106,890</u>    | <u>106,890</u>     | <u>103,636</u>     |
| <b>Total resources expended</b>                | 6    | <u>1,220,513</u>  | <u>1,220,513</u>   | <u>880,585</u>     |
| Net outgoing resources                         |      | (50,632)          | (50,632)           | (22,416)           |
| Gain on investments                            |      | 55,892            | 55,892             | 41,722             |
| Gain on property sale                          |      | <u>112,085</u>    | <u>112,085</u>     | -                  |
| <b>Net movement in funds</b>                   |      | <u>117,345</u>    | <u>117,345</u>     | <u>19,306</u>      |
| Total funds brought forward                    |      | <u>1,180,563</u>  | <u>1,180,563</u>   | <u>1,161,257</u>   |
| <b>Total funds carried forward</b>             | 14   | <u>1,297,908</u>  | <u>1,297,008</u>   | <u>1,180,563</u>   |

All incoming resources and resources expended are derived from continuing activities.

There were no other gains and losses apart from the result for the year.

The accompanying accounting policies and notes form an integral part of these financial statements.

## Consolidated Balance Sheets

|   | Note | Group<br>December<br>2013<br>£ | Group<br>December<br>2012<br>£ | Charity<br>December<br>2013<br>£ | Charity<br>December<br>2012<br>£ |
|---|------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|
| <b>Fixed assets</b>                               |      |                                |                                |                                  |                                  |
| Tangible assets                                   | 9    | 3,004                          | 1,946                          | 3,004                            | 1,946                            |
| Investments                                       | 10   | 645,135                        | 582,017                        | 645,135                          | 582,017                          |
| Subsidiary companies                              | 10   | -                              | -                              | 100                              | 100                              |
|   |      | <u>648,139</u>                 | <u>583,963</u>                 | <u>648,239</u>                   | <u>584,063</u>                   |
| <b>Current assets</b>                             |      |                                |                                |                                  |                                  |
| Assets held for sale                              | 11   | -                              | 430,936                        | -                                | 430,936                          |
| Debtors   | 12   | 237,224                        | 173,298                        | 266,983                          | 149,007                          |
| Cash at bank and in hand                          |      | 599,919                        | 170,585                        | 430,035                          | 62,051                           |
|   |      | <u>837,143</u>                 | <u>774,819</u>                 | <u>697,018</u>                   | <u>641,994</u>                   |
| Creditors: amounts falling due<br>within one year | 13   | <u>(187,374)</u>               | <u>(178,219)</u>               | <u>(47,349)</u>                  | <u>(45,494)</u>                  |
| Net current assets                                |      | <u>649,769</u>                 | <u>596,600</u>                 | <u>649,669</u>                   | <u>596,500</u>                   |
| <b>Total assets less current<br/>liabilities</b>  |      | <u>1,297,908</u>               | <u>1,180,563</u>               | <u>1,297,908</u>                 | <u>1,180,563</u>                 |
| <b>Funds</b>                                      |      |                                |                                |                                  |                                  |
| Unrestricted funds                                | 14   | <u>1,297,908</u>               | <u>1,180,563</u>               | <u>1,297,908</u>                 | <u>1,180,563</u>                 |

These financial statements have been prepared in accordance with the provision applicable to companies subject to the small companies regime within part 15 of the Companies Act 2006. The financial statements were approved by the Board of Trustees on 22 August 2014

  
 Mr K Mayer - Treasurer

  
 Timothy Chittenden - Trustee

Company Registration no: 06574762.

# Notes to the financial statements

## **1. Accounting Policies**

### **1.1 Basis of preparation**

The financial statements of the charitable company and group have been prepared under the historical cost convention, modified to include the revaluation of freehold land and buildings, and in accordance with the Statement of Recommended Practice "Accounting and Reporting by Charities" (SORP 2005), updated 2007.

The principal accounting policies of the charitable company and group are set out below.

### **1.2 Consolidation**

These financial statements consolidate the results of the charitable company, its branches and its wholly owned trading subsidiary N.I. Enterprises Ltd., on a line by line basis. A separate Statement of Financial Activities (SOFA) is not presented because the charitable company has taken advantage of the provisions of paragraph 397 of the SORP and section 408 of Companies Act 2006.

### **1.3 Fixed asset investments**

Quoted fixed asset investments are included at market value at the balance sheet date. Any gain/loss on revaluation is credited/charged to the SOFA. Cash on deposit awaiting investments is included in investments. Income from investments is accounted on the basis of when dividends are receivable. Interest on bank deposits is accounted for on a receivable basis.

### **1.4 Tangible fixed assets and depreciation**

Tangible fixed assets other than land and freehold property are capitalised at cost where the acquisition value is greater than £250 and are stated at cost, net of depreciation.

Depreciation on fixed assets is provided at rates calculated to write down the cost less estimated residual value over their expected useful lives.

The rates applicable are:

|                                |                              |
|--------------------------------|------------------------------|
| Office furniture and equipment | 25% on a straight line basis |
|--------------------------------|------------------------------|

### **1.5 Taxation**

The charitable company is exempt from taxation under current legislation.

### **1.6 Cash flow**

The charitable company has used the exemption under Financial Reporting Standard No 1 (revised) not to prepare a cash flow statement as it qualifies as a small entity.

## Notes to the financial statements

### **1.7 Incoming resources**

#### **Member subscriptions**

Income from member subscriptions is included in incoming resources when these are received, except in the case of subscriptions which are specifically stated to be in respect of an ensuing accounting period.

#### **Grants, donations and sponsorship income**

Grants, donations and sponsorship are credited as incoming resources when they are receivable provided conditions for receipt have been complied with, unless they relate to a specific future period, in which case they are deferred.

#### **Interest receivable**

Interest is included when receivable by the charitable company.

#### **Journal Income**

Income from journals is recognised following publication of the journal and is accounted for on an accruals basis.

#### **Commercial trading activities**

Income from commercial activities shown in the Statement of Financial Activities represents amounts receivable during the year from conference attendance, exclusive of Value Added Tax.

Income from conferences is recognised at the conference date, income received in advance of the conference is deferred until the conference date.

### **1.8 Resources expended**

Resources expended are included in the Statement of Financial Activities on an accruals basis, inclusive of any VAT which cannot be recovered.

#### **Costs of generating funds**

Costs of generating funds comprise the costs of managing the investment portfolio which are substantially investment management fees.

#### **Costs of direct charitable activities**

Costs in support of charitable activities comprise central overheads related to the organisational management and administration costs on specific activities. These are apportioned 90% to charitable activities and 10% to governance costs.

#### **Governance costs**

Governance costs comprises the cost of audit, the costs relating to the Board of trustees carrying out the group's duties and the cost of statutory compliance.

### **1.9 Hire purchase and leasing commitments**

Rentals paid under operating leases are charged to the statement of financial activity on a straight line basis over the period of the lease.

## Notes to the financial statements

### 1.10 Fund accounting

Restricted funds are to be used for specified purposes laid down by the donor. Expenditure for those purposes is charged to the fund, together with a fair allocation of overheads and support costs.

Unrestricted funds are donations and other incoming resources received or generated for expenditure on the general objectives of the charitable company.

### 1.11 Liabilities

Liabilities are recognised when there is a legal and constructive obligation committing the charitable company to the expenditure.

## 2 Voluntary income

|                             | Unrestricted<br>£ | Total<br>2013<br>£ | Total<br>2012<br>£ |
|-----------------------------|-------------------|--------------------|--------------------|
| Donations and Gifts in Kind | 2,198             | 2,198              | 7,947              |

## 3 Investment income and interest

|  | Unrestricted<br>£ | Total<br>2013<br>£ | Total<br>2012<br>£ |
|--|-------------------|--------------------|--------------------|
| Investment income - quoted investments | 12,255            | 12,255             | 11,722             |

## 4 Operational programmes

Contributions from operational programmes in the year were as follows:

|                              | Unrestricted<br>£ | Total<br>2013<br>£ | Total<br>2012<br>£ |
|------------------------------|-------------------|--------------------|--------------------|
| Functions (branches & other) | 9,646             | 9,646              | 23,988             |

## Notes to the financial statements

### 5 Trading operations

NI Enterprises Limited, which is incorporated in the United Kingdom, is a wholly owned trading subsidiary of the charitable company and its audited financial statements are filed with the Registrar of Companies. Its principal activities are the organisation of conferences, seminars and the publication of a journal.

A summary of the trading results of this company for the year ended 31 December 2013 are shown below:

|   | 2013<br>£ | 2012<br>£ |
|---|-----------|-----------|
| Turnover:                                     |           |           |
| Annual dinner and functions                   | 974,875   | 636,832   |
| Cost of sales and administrative expenses     | (758,112) | (463,022) |
| Profit on ordinary activities before interest | 216,763   | 173,810   |
| Gift Aid to charitable company                | (216,763) | (173,810) |
| Retained in the subsidiary                    | -         | -         |

### 6 Resources expended

|  | Cost of<br>generating<br>funds<br>£ | Charitable<br>activities<br>£ | Governance<br>costs<br>£ | Support<br>costs<br>£ | Total<br>2013<br>£ | Total<br>2012<br>£ |
|--|-------------------------------------|-------------------------------|--------------------------|-----------------------|--------------------|--------------------|
| Staff costs                              | -                                   | 165,971                       | 18,441                   | -                     | 184,412            | 175,896            |
| Premises cost                            | -                                   | -                             | -                        | 53,024                | 53,024             | 10,893             |
| Legal & professional                     | -                                   | -                             | 14,503                   | -                     | 14,503             | 18,098             |
| Consultancy                              | -                                   | -                             | 9,700                    | -                     | 9,700              | 18,617             |
| Audit & accounting                       | -                                   | -                             | 14,400                   | -                     | 14,400             | 12,145             |
| Subscriptions                            | -                                   | 478                           | -                        | -                     | 478                | 1,153              |
| Bank charges                             | -                                   | -                             | -                        | 3,854                 | 3,854              | 7,069              |
| Investment<br>management cost            | -                                   | -                             | 5,100                    | -                     | 5,100              | 4,650              |
| Provision for bad debt                   | -                                   | -                             | 7,511                    | -                     | 7,511              | 1,676              |
| NUC NET subscription                     | -                                   | 577                           | -                        | -                     | 577                | 519                |
| Science Council<br>subscription          | -                                   | 2,345                         | -                        | -                     | 2,345              | 2,265              |
| Depreciation                             | -                                   | -                             | -                        | 758                   | 758                | 758                |
| Office cost                              | -                                   | -                             | -                        | 45,796                | 45,796             | 56,577             |
| EC UK subs                               | -                                   | 8,831                         | -                        | -                     | 8,831              | 11,997             |
| Education and training                   | -                                   | 33,552                        | -                        | -                     | 33,552             | 9,743              |
| Branches                                 | -                                   | 30,296                        | -                        | -                     | 30,296             | 27,787             |
| European Nuclear<br>Society subscription | -                                   | 17,287                        | -                        | -                     | 17,287             | 16,874             |
| Meeting expenses                         | -                                   | -                             | 22,460                   | -                     | 22,460             | 31,691             |
| Relocation cost                          | -                                   | -                             | -                        | -                     | -                  | 13,613             |
| Trading operations                       | 717,112                             | -                             | -                        | -                     | 717,112            | 422,022            |
| Website and database                     | -                                   | -                             | -                        | 19,061                | 19,061             | 29,583             |
| Website and publicity                    | -                                   | -                             | -                        | 29,456                | 29,456             | 6,959              |
|  | 717,112                             | 259,337                       | 92,115                   | 151,949               | 1,220,513          | 880,585            |
| Support costs:                           | -                                   | 137,174                       | 14,775                   | (151,949)             | -                  | -                  |
| Total charitable<br>activities           | 717,112                             | 396,511                       | 106,890                  | -                     | 1,220,513          | 880,585            |

## Notes to the financial statements

### 6 Resources expended (continued)

Included in audit and accountancy costs is auditors' remuneration of £14,400 (2012: £10,500).

### 7 Staff costs and number

|                                       | 2013           | 2012           |
|---------------------------------------|----------------|----------------|
|                                       | £              | £              |
| Wages and salaries                    | 120,934        | 152,027        |
| Social security costs                 | 12,553         | 14,635         |
| Employers pension                     | -              | -              |
| Temporary staff and other staff costs | 50,925         | 9,234          |
|                                       | <u>184,412</u> | <u>175,896</u> |

1 employee received remuneration between £60,000 - £70,000 (2013: one). The average number of employees during the year was 4 (2013: 5) and they were all administrative staff.

### 8 Transactions with trustees

No member of the Board of Trustees received any remuneration for services to the charitable company for the year. During the year travel and subsistence costs totalling £6,768 (2012: £4,842) were reimbursed to 8 Trustees. Included in trade creditors at the year end is £nil (2012: £nil) owed to trustees in relation to travel and subsistence costs.

### 9 Tangible fixed assets

| Group and charity                  | Fixtures,<br>fittings and<br>equipment<br>£ | Total<br>£   |
|------------------------------------|---|--------------|
| Cost                               |   |              |
| At 1 January 2013                  | 5,533                                       | 5,533        |
| Additions                          | 1,817                                       | 1,817        |
| Disposals                          | (-)   | (-)          |
| At 31 December 2013                | <u>7,349</u>                                | <u>7,349</u> |
| Depreciation                       |   |              |
| At 1 January 2013                  | 3,587                                       | 3,587        |
| Provided in the year               | 758   | 758          |
| Disposals                          | (-)   | (-)          |
| At 31 December 2013                | <u>4,345</u>                                | <u>4,345</u> |
| Net book value at 31 December 2013 | <u>3,004</u>                                | <u>3,004</u> |
| Net book value at 31 December 2012 | <u>1,946</u>                                | <u>1,946</u> |

## Notes to the financial statements

### 10 Fixed asset investments

|                                      | Group<br>2013<br>£ | Group<br>2012<br>£ | Charity<br>2013<br>£ | Charity<br>2012<br>£ |
|--------------------------------------|--------------------|--------------------|----------------------|----------------------|
| Quoted investments                   | 645,135            | 582,017            | 645,135              | 582,017              |
| Subsidiary (N I Enterprises Limited) | -                  | -                  | 100                  | 100                  |
|                                      | <u>645,135</u>     | <u>582,017</u>     | <u>645,235</u>       | <u>582,117</u>       |

#### Quoted investments

|  | Group<br>and<br>Charity<br>2013<br>£ | Group<br>and<br>Charity<br>2012<br>£ |
|--|--------------------------------------|--------------------------------------|
| Market value at 1 January 2013               | 568,156                              | 513,671                              |
| Acquisitions at cost                         | 43,920                               | 17,726                               |
| Disposals                                    | (36,660)                             | (4,963)                              |
| Net realised and unrealised gain in the year | 55,892                               | 41,722                               |
| Market value at 31 December 2013             | <u>631,308</u>                       | <u>568,156</u>                       |
| Cash on deposit awaiting investment          | 13,827                               | 13,861                               |
| Total value at 31 December 2013              | <u>645,135</u>                       | <u>582,017</u>                       |

The historical cost of quoted investments as at 31 December 2013 was £484,405 (2012: £477,144)

The following investment holdings represent more than 5% of the value of the portfolio at 31 December 2013.

|   | £             |
|---|---------------|
| Coutts US Equity Index Programme                | 40,750        |
| Coutts UK Equity Index Programme                | 198,754       |
| Coutts Global Emerging Markets Equity Programme | 37,248        |
| Coutts UK Specialist Equity Programme           | 44,504        |
| Coutts Global Investment Grade Bond Programme   | <u>58,049</u> |

## Notes to the financial statements

### 10 Fixed asset investments (continued)

#### Geographical analysis

|                                     | <b>Total<br/>2013<br/>£</b> | <b>Total<br/>2012<br/>£</b> |
|-------------------------------------|-----------------------------|-----------------------------|
| <b>United Kingdom</b>               |                             |                             |
| Fixed interest                      | 142,304                     | 193,610                     |
| Equities                            | 292,802                     | 203,891                     |
| <b>Overseas</b>                     |                             |                             |
| Equities                            | 148,290                     | 121,356                     |
| Alternative investments             | 47,912                      | 49,299                      |
|                                     | <u>631,308</u>              | <u>568,156</u>              |
| Cash on deposit awaiting investment | 13,827                      | 13,861                      |
|                                     | <u>645,135</u>              | <u>582,017</u>              |

#### Unquoted investments

At 31 December 2013 the charitable company owned the entire issued share capital of 100 ordinary £1 shares each in NI Enterprises Ltd. The trading results of that company are set out in note 5. At 31 December 2013 the aggregate amount of that company's assets, liabilities, share capital and reserves was:

|  | <b>2013<br/>£</b> | <b>2012<br/>£</b> |
|--|-------------------|-------------------|
| Current assets                                 | 391,993           | 256,178           |
| Creditors: amounts falling due within one year | <u>(391,893)</u>  | <u>(256,078)</u>  |
|  | <u>100</u>        | <u>100</u>        |
| Represented by:                                |                   |                   |
| Share capital                                  | 100               | 100               |
| Reserves                                       | <u>-</u>          | <u>-</u>          |
|  | <u>100</u>        | <u>100</u>        |

## Notes to the financial statements

### 11 Assets held for sale

At the previous balance sheet date the trustees had decided to sell the freehold property in South London owned by the charity. Therefore the value of the property previously shown as fixed assets had been transferred to current assets. The sale was completed on 16 May 2013 at the final price of £551,296.

### 12 Debtors

|                                     | Group<br>2013<br>£ | Group<br>2012<br>£ | Charity<br>2013<br>£ | Charity<br>2012<br>£ |
|-------------------------------------|--------------------|--------------------|----------------------|----------------------|
| Trade debtors                       | 142,398            | 137,610            | -                    | 3,707                |
| Amounts due from group undertakings | -                  | -                  | 251,868              | 123,353              |
| Other debtors                       | 79,927             | 14,809             | 216                  | 1,068                |
| Prepayments                         | 14,899             | 20,879             | 14,899               | 20,879               |
|                                     | <u>237,224</u>     | <u>173,298</u>     | <u>266,983</u>       | <u>149,007</u>       |

### 13 Creditors: amounts falling due within one year

|                                 | Group<br>2013<br>£ | Group<br>2012<br>£ | Charity<br>2013<br>£ | Charity<br>2012<br>£ |
|---------------------------------|--------------------|--------------------|----------------------|----------------------|
| Trade creditors                 | 135,925            | 102,427            | 23,893               | 10,835               |
| Other taxes and social security | 4,686              | 6,014              | 4,686                | 3,771                |
| Accruals                        | 38,703             | 69,523             | 10,710               | 30,888               |
| Deferred income                 | 8,060              | 255                | 8,060                | -                    |
|                                 | <u>187,374</u>     | <u>178,219</u>     | <u>47,349</u>        | <u>45,494</u>        |

### 14 Analysis of funds

#### Group and charity

|                    | As at 1<br>January<br>2013<br>£ | Incoming<br>resources<br>£ | Outgoing<br>resources<br>£ | Gains on<br>revaluation<br>£ | As at 31<br>December<br>2013<br>£ |
|--------------------|---------------------------------|----------------------------|----------------------------|------------------------------|-----------------------------------|
| Unrestricted funds |                                 |                            |                            |                              |                                   |
| General funds      | 1,180,563                       | 1,169,881                  | (1,220,513)                | 167,977                      | 1,297,908                         |
|                    | <u>1,180,563</u>                | <u>1,169,881</u>           | <u>(1,220,513)</u>         | <u>167,977</u>               | <u>1,297,908</u>                  |

## Notes to the financial statements

### 15 Analysis of net assets between funds

| Group               | Unrestricted<br>£ | Total<br>2013<br>£ | Total<br>2012<br>£ |
|---------------------|-------------------|--------------------|--------------------|
| Fixed assets        | 648,139           | 648,139            | 583,963            |
| Current assets      | 837,143           | 837,143            | 774,819            |
| Current liabilities | (187,374)         | (187,374)          | (178,219)          |
|                     | <u>1,297,908</u>  | <u>1,297,908</u>   | <u>1,180,563</u>   |

| Charity             | Unrestricted<br>£ | Total<br>2013<br>£ | Total<br>2012<br>£ |
|---------------------|-------------------|--------------------|--------------------|
| Fixed assets        | 648,239           | 648,239            | 584,063            |
| Current assets      | 697,018           | 697,018            | 641,994            |
| Current liabilities | (47,349)          | (47,349)           | (45,494)           |
|                     | <u>1,297,908</u>  | <u>1,297,908</u>   | <u>1,180,563</u>   |

### 16 Financial commitments

At 31 December 2013 the charitable company was committed to making following payments under non cancellable operating leases in the year to 31 December 2014.

|                              | Hire of office equipment |              | Land and Buildings |               |
|------------------------------|--------------------------|--------------|--------------------|---------------|
|                              | 2013<br>£                | 2012<br>£    | 2013<br>£          | 2012<br>£     |
| Operating lease that expire: |                          |              |                    |               |
| Within one year              | -                        | -            | 20,160             | 20,160        |
| Between two and five years   | 2,856                    | 2,856        | -                  | -             |
|                              | <u>2,856</u>             | <u>2,856</u> | <u>20,160</u>      | <u>20,160</u> |

## Notes to the financial statements

### **17 Surplus for the financial year**

As permitted by section 408 of the Companies Act 2006, the parent charitable company's Statement of Financial Activities has not been included in these financial statements. The surplus for the financial year is made up as follows:

|  | <b>2013</b>    | <b>2012</b>   |
|--|----------------|---------------|
|  | <b>£</b>       | <b>£</b>      |
| Parent charitable company's surplus for the financial year | <u>117,345</u> | <u>19,306</u> |

### **18 Company status**

The charitable company is limited by guarantee not having a share capital. In the event of winding up, under the terms of the Memorandum of Association each member guarantees the sum of £1.