

THE NUCLEAR INSTITUTE

# ANNUAL REPORT 2018

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# WELCOME FROM THE PRESIDENT

As I move towards the end of my two-year stint as President it gives me great pleasure to present this report on my first year as President and look back at some of the things we have achieved as an institute in 2018.

After a challenging few years for both the industry and the institute, it feels that nuclear is still battling for its future but the institute continues to work hard for all those in the industry and those that will still be in it for years to come, whatever form that takes.



The trustees and I have always been hugely impressed with the amount of work that our committees and communities are doing around the UK and 2018 presented a few moments to really celebrate how far we've come. A couple of the highlights have been the events and dinners I've been able to attend on behalf of the NI and the celebration of 100 years since women first got the vote in the UK, as recognised by WiN UK and its various regional events. This was particularly notable in my corner of the world – Cumbria – which had a number of industry milestones to celebrate as well.

Our volunteers and members sit at the heart of what we do and we must all of us encourage the next generation, not only to get into nuclear but to support its only nuclear-specific professional body with their membership. Although I qualified as a chemical engineer early on in my career, I've also found membership of the NI has been invaluable and it was a particularly proud moment when I became a Fellow.

The institute has much more to do over the coming years and it can only do that if those that work in the industry continue to support it. Thank you for the support that you have given, as a member, company member, sponsor or host – we really appreciate your contribution so that we can continue to serve our members and the future of the industry.

**JOHN CLARKE CENG FNUCI**  
**PRESIDENT**

# REPORT FROM THE HON TREASURER

2018 was a solid year which saw the NI again work to a tight budget and reduce the deficit at the year end.

In particular we had a very strong events year, with two large events – Integrated Waste Management and the 11th International Conference on the Transport, Storage and Disposal of Radioactive Waste – contributing to our income as well as the dinners and regular events.



Almost all events and dinners met or exceeded budget expectations due to close cost control and realistic pricing as well as good industry support. We had our largest events surplus for some years and our second best overall trading surplus for six years.

Our other main area of income – Membership subscriptions – likewise performed well against an ambitious budget and this was helped by an increasing number of companies joining the Company Membership Scheme which delivers benefits to both companies and their staff alike.

Advertising revenue from Nuclear Future was our only disappointment – this is a trend for most print publishing operations but we are starting to see some income from online recruitment advertising which we hope will improve the situation in 2019.

2018 was a bad year for investment performance and without this our deficit would have been reduced to around £90,000.

Unbudgeted costs for adapting to the requirements of GDPR and additional consultancy services for our governance review were the only key additional items and we maintained a spend of £42,194 on our charitable activities such as schools and outreach programmes.

**NICOLA O'KEEFFE ACA**  
**HON TREASURER**

# MESSAGE FROM THE CEO

Although 2018 continued with a number of changes in our headquarters team (and the headquarters office itself!) all the new staff settled quickly into their roles and we offered a near ‘business as usual’ service to our members and volunteers whilst inducting three new team members in the summer.



We started with a number of ambitions to make the service to members more streamlined and efficient and this extended to our methods of collecting and processing data and, more importantly, how our governance structure operates. Having been in operation for ten years, and with taxation changes meaning we could simplify our processes and reduce our costs, the trustees took advantage of the latter half of the year to review and update the governance to ensure we remained ‘fit for purpose’.

Alongside this, both the membership and events teams were busy setting targets to grow and improve. Some of the results of this can already be seen in the financial report from our Hon Treasurer but others have set the path for future improvements towards long-term sustainability. Membership growth is the key feature here and members remain the key beneficiaries of the services we provide.

Related to these changes are our plans for greater representation, openness and transparency in our operations, starting with open trustee elections, an AGM and keynote speaker that attracted a large audience, and this report on our activities in an easy-to-read format. We are fairly unique amongst our peer organisations in having approximately a 50:50 gender split on our board and will look to fulfil greater diversity across all our activities using guidance from the Royal Academy of Engineering.

Changes in the fortunes of nuclear new build mean we will struggle to meet our member growth ambitions of the 2020 strategy. However there is much about the industry that encourages us to be confident about strong growth in member numbers, and therefore the opportunity to offer more services to our members (see our growth chart overleaf).

Also in 2018 we conducted our largest survey for some time of our members’ views – over 10% of the membership contributed and we have used the feedback to inform board level discussions and make improvements to key areas. What we found is that members’ needs change throughout their career and we need to develop more discrete services that meet the needs of these members at different stages of their membership.

**SARAH BEACOCK FEI  
CEO**



# NEW MEMBERS

The Nuclear Institute was delighted to welcome the following nuclear professionals in 2018.

## FELLOWS

- AJ van der Merwe
- Alastair Laird
- Andrew Storer
- Chris Moore
- David Graham
- Gary McMeekan
- Philip Vaughan
- Shengke Zhi

## MEMBER & CHARTERED ENGINEER

- Bernat Galiana
- Stuart Dodd
- David Jakowszyn
- Frederic Wheeler
- Gareth Lock

## MEMBERS

- Agostino Maurotto
- Andrew Butcher
- Bryan O'Donoghue
- Ed Shire
- Emma Goodson
- Paul Skelton
- Preeya Lakhani
- Richard Peake
- Sandra Owsnett
- Sharon Platt
- Stacey Hatch

## CHARTERED SCIENTIST

- Lindsay Sedwards

## CHARTERED ENGINEER

- Ross Nuttall

## LICENSED BY:

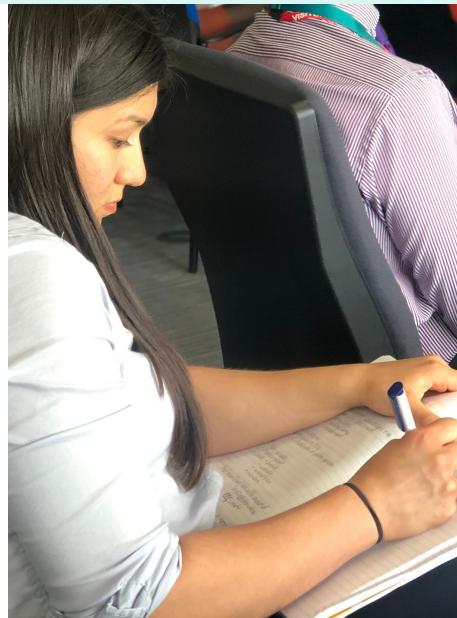


## NI MEMBERS



# OUR STRATEGIC OBJECTIVES

- 1 Developing and enhancing collaboration with industry, academia, government and stakeholders**
- 2 Promoting a strong nuclear community through networking and events**
- 3 Making the NI the 'institute of choice' for the nuclear professional**
- 4 Developing best practice in NI processes and communication**
- 5 Supporting and expanding the volunteer network**
- 6 Developing and enhancing member benefits**
- 7 Promoting education in nuclear science, engineering and technology**
- 8 Developing a knowledge centre**
- 9 Improving public understanding of the benefits of nuclear technology.**



Through the efforts of trustees, volunteers, members and staff we are pleased to report progress in 2018 to our members and stakeholders.

# DEVELOPING AND ENHANCING COLLABORATION WITH INDUSTRY, ACADEMIA, GOVERNMENT AND STAKEHOLDERS



- **Contributions to consultations on waste management, GDF siting and Euratom**
- **Continuing support of the Nuclear Academic Industry Liaison group**
- **Launch of the Education Affiliate membership grade to universities and colleges with nuclear programmes**
- **Regular corporate communications sent to over 50 companies within the nuclear sector and NI's membership**
- **Ensured government involvement in NI events**
- **Support of prizes to recognise academic achievement**

# CASE STUDY: DIGITAL SIG

Our Special Interest Groups are becoming a focal point for coordinating our input to government consultations but they are also a useful way of bringing together the viewpoints of industry and academia in tackling specific topics within the sector to enable development, progression and, we hope, more innovation and productivity.

The subjects covered by SIGs include Digital, Security, Radioactive Waste, Requirements Management, Spent Fuel Management and Project Management.

**Philip Isgar, Chair of the Digital SIG,  
reports on their 2018:**

**“Having reached over 150 regular members of the SIG is very encouraging with events including participation between 30-100+ around the country.**

**Companies engaged in the SIG include NDA, Sellafield, LLWR, RWM, EdF, Urenco, NAMRC, UKAEA, ITER and Magnox, Cammell Laird, Innovation UK, Waldeck Consulting and a number of supply chain organisations.**

**Our events have combined with other leading groups in this area such as Constructing Excellence and our speakers have come from a wide range of industries to ensure we can learn from those that are further developed in their use of Digital techniques such as Arup, Bentley, HS2 and Accenture. In particular an Advanced Nuclear Technologies event at the offices of Accenture in London was well attended.**

**We've also put our name to a joint publication under the Constructing Excellence banner and have produced several articles for Nuclear Future.** **”**



**PROMOTING A STRONG NUCLEAR  
COMMUNITY THROUGH  
NETWORKING AND EVENTS**

**475**

*people involved in volunteering  
for the NI and its communities*

**3,700**

*people attended NI events and  
networking*

*(not including the annual dinner!)*

# CASE STUDY: CUMBRIA BRANCH

One of our most productive branches is Cumbria – despite its relatively small geographical size it is the third largest NI branch. Its success is down to its local industry support (over 240 at its annual dinner) and a vibrant and enthusiastic volunteer base that successfully combines the activities of the YGN and WiN with the wider branch activities.

**Branch Chair Matt Aukett explains:**

**“**Our day seminar for 2018 was entitled “Driving your career” and provided an opportunity for local nuclear professionals to take inspiration on how to develop their own careers and gain an appreciation of new skills and tools to help them do so.

We maintain strong relationships with other local institutes allowing us to run several joint events of mutual interest to our various organisations.

We also marked a major local milestone with a programme of talks reflecting on the history of the Cumbrian nuclear industry and the completion of the THORP reprocessing mission.

The discussions covered topics such as how the industry (and Sellafield in particular) has changed both for the better and worse in the intervening period, the many milestones and landmarks that have passed along the way.

This allowed our attendees to consider how we can use the lessons of yesteryear to inform the future of the Cumbrian nuclear industry and wider economy as well as reflect on the lives of those that came before us and their legacy.

The integration of WiN into the existing NI family here in Cumbria has been extremely successful representing a role model for the wider NI in establishing new presences for our networks. **”**



# MAKING THE NI THE 'INSTITUTE OF CHOICE' FOR THE NUCLEAR PROFESSIONAL

OVER

**70**

technical and non-technical events to support the CPD of nuclear professionals.

**1** **IN** **4**

One in four new professional members were female (compared to 1 in 7 in 2017).



Highest number of new CEng and IEng registrants since 2013.



Double the number of new Fellows and Members welcomed to the NI compared to 2017

# CASE STUDY: YGN

The YGN's mission is to encourage, inspire and motivate young people from a range of backgrounds to join and remain in the UK nuclear industry, and to help develop these young people to be the best they can be. As well as acting to attract and retain young people into the industry they also act as ambassadors for nuclear and enable the development of young professionals through their activities.

**2019 Chair, Mike Roberts, reports on their 2018 activities:**

We again ran a programme of 1-3 day seminars that act as an 'introduction to' a wide range of industry areas. 2018 included Nuclear New Build, Project Management (new for 2018), Power Generation, Regulation and Decommissioning and Waste Management. A large part of their success is due to the mix of senior and early career speakers through a range of presentations, panel debates and Q&A forums, together with tours to locations such as HPC, Jet, Sellafield and ONR in Bootle.

Our day seminar was on the Nuclear Sector Deal which was announced earlier in the year and speakers from BEIS, NAMRC, NDA and WiN helped to contextualise it for those attending. It was followed by our popular YGN dinner held at the York Railway Museum where the dinner was set amongst the spectacular setting of the vintage royal train collection.



The YGN speaking competition was again held throughout the regions and the final at Birchwood in September was won by Momchil Vasilev. The competition continues to provide valuable presentation experience for participants, highlights the fantastic emerging talent, and showcases projects and shared learning.

We continue our involvement with wider networking and representation, particularly within the European Nuclear Society and the Nuclear Skills Strategy Group, but also through the amount of outreach we do with schools, apprentices and those just starting on a career in the sector.

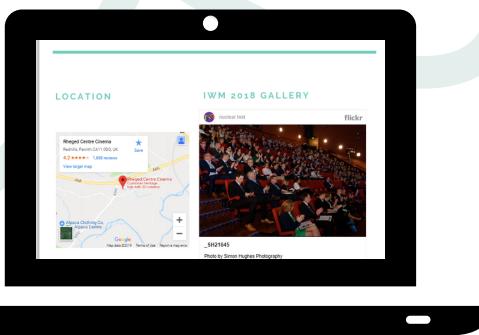
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# DEVELOPING BEST PRACTICE IN NI PROCESSES AND COMMUNICATION

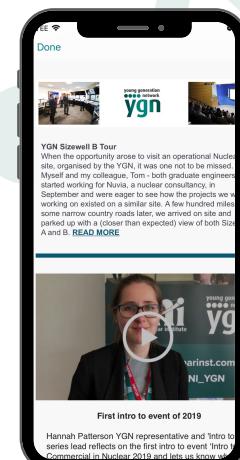
**Continued upgrading of the NI website to allow more online booking of events**

**Ongoing development of the newsletter content and extended circulation to wider stakeholder group (non-members)**



**Revision of membership guidance to encourage more non-technical members to upgrade to Member and Fellow**

**Greater personalisation options in the member area of the website**



**Implemented new Privacy Policy in line with General Data Protection Regulation**

**Choice of branch and network options for receiving newsletters and updates**

## CASE STUDY: EXECUTIVE TEAM

The NI staff team has worked hard on services that will both serve members better and make internal processes simpler leaving us with more time to provide additional services to members. There is still much to do but investing in our member database is bringing real benefits to how we can provide more for members.



“

We decided to build on the improvements we made to the website in 2017 with more functionality in our database. This means that we can provide better integration for members to join and pay online – as previously – but also update their own records with information that they'd like to see from us. Combined with the requirements of GDPR this has meant that members can directly advise how we can contact them with marketing messages and also which mailing lists they want to be on eg to receive YGN, WiN, branch or SIG newsletters.

Alongside this we have now made all paying events bookable online which gives easy explanation of different fee rates and allows quick access to discounts and early bird rates. The next phase will be to extend this to all free events so that we can provide our communities with more regular updates on how their event is booking.

We can also now keep our committee and volunteer information up to date as well as our companies who are part of the CMS and which pay their staff's membership fees.

As a charity, greater transparency of the organisation's work is also key and having a more open AGM and easily accessible information about how we're doing is another step forward.

”



## SUPPORTING AND EXPANDING THE VOLUNTEER NETWORK

15

MEMBERSHIP WORKSHOPS DELIVERED BOTH IN-HOUSE AND ONLINE TO ALMOST 200 PROSPECTIVE NUCLEAR PROFESSIONALS

12

NEW ASSESSORS TRAINED IN PEER REVIEW TECHNIQUES

TRAINING

SESSIONS FOR VOLUNTEERS ON CONTENT AND SOCIAL MEDIA TO GET THE MOST OUT OF COMMUNITY WEB PAGES

MONTHLY

KEEP IN TOUCH CALLS WITH VOLUNTEERS IN OUR COMMUNITIES – BRANCHES, YGN AND WIN

DEVELOPMENT

OF STEM RESOURCES BY THE YGN FOR USE BY VOLUNTEERS AT EDUCATIONAL EVENTS

## CASE STUDY: WIN UK

WiN UK has grown its size and influence in 2018 and remains a key promoter of getting women's voices heard in the nuclear sector and encouraging change and innovation. In 2018 they recruited sufficient volunteers to create regional teams in almost all UK regions – their programmes of activity continue to expand with networking, mentoring, technical and careers events all part of the toolkit.

**“ Jack Gritt, President of WiN UK, reports:**

I'm pleased to say that we have achieved industry support from over 60 companies signed up to the WiN Charter – this is their declaration that they will actively promote balance in their workplaces, remove barriers, address under-representation, provide access to and transparency of opportunity, educate leaders about inclusivity and tackling bias, review policies, procedures and diversity statistics and establish networks for support. A full list of the companies which made this commitment is found on our web page.

Our active volunteer networks expanded rapidly in 2018 with regional growth and support a particular feature – the range of activities that they cover include speed mentoring sessions, support of the women's suffrage celebration, collaboration with in-company women's networks in Magnox, EDF and others, working with Tomorrow's Engineers, MentorSET, Women's Engineering Society and Women in Science and Engineering to promote strong role models in schools and universities, whilst I've been fortunate enough to represent WiN UK at a number of industry events and raise the profile of women in our industry and the importance of gender equality and diversity to our long-term success, as has our Patron, Adrienne Kelbie.

With support from PwC we were able to invite more than 20 CEOs to a dinner to explain and support our cause – this resulted in some positive plans for action and pledges of committed support from all those attending. We've also engaged with BEIS, NSSG, YGN, NDA on events and presentations to raise our profile.

”



## DEVELOPING AND ENHANCING MEMBER BENEFITS

**Chartered Environmentalist and  
Registered Environmental  
Technician now available as  
registration grades through NI**



**Mentoring places offered to  
female members in STEM roles  
through the Women's  
Engineering Society**



**New-look Nuclear Future  
available from March 2018 with  
new publisher and dedicated  
editor**



# CASE STUDY: NORTH EAST BRANCH

The North East branch has focused much of 2018 on their younger members and sought to ensure that there were sufficient events to bring them into branch/YGN/WiN events. Talks and tours are the most popular activity they put on and this is a key member benefit, sometimes offered alongside other institutions to ensure good attendance.

**Branch Chair, Phil Vaughan FNucl, reports:**

**“** The committee has recognised that younger people are more eager to make visits to places and have a talk as opposed to the traditional evening lecture format, therefore there has been a refocus to make the events as dynamic as possible.

With YGN and WiN contributions we have had successful events on Energy from Fusion, Creating an Innovative and Sustainable Nuclear Industry and a trip to Sellafield. It's been a pleasure to see our younger members get involved with both organising these and speaking. In particular I should mention Fanny Fouin who represented the YGN at a joint event with IMechE called Meet the Engineer which gave an excellent opportunity to present a positive case for the nuclear sector.

Our annual conference this year was themed “Sustainability in the Nuclear Industry”.



It was a difficult but topical subject and we had a number of high-quality talks. This was capped in the evening by Rebecca Weston of Sellafield Ltd providing her view on this important subject in the after-dinner talk.

We have good industry support from Jacobs and are beginning to work more closely with Durham and York Universities so we hope to see more student members as well as individual and company members in 2019.

**”**



# PROMOTING EDUCATION IN NUCLEAR SCIENCE, ENGINEERING AND TECHNOLOGY



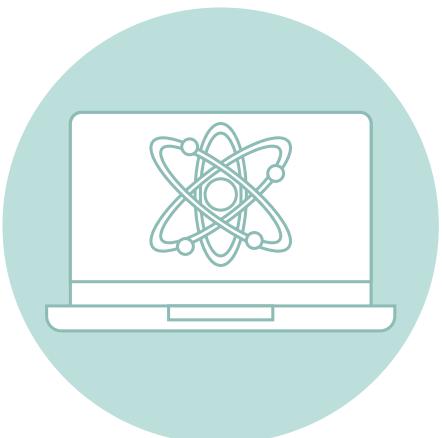
- Support given to NSAN apprenticeship awards nominees through free memberships and profiles in Nuclear Future
- Education Affiliate grade to encourage wider membership for students and apprentices on nuclear programmes
- Attendance at key educational events such as Big Bang Fair and New Scientist Live
- Wide engagement by branches and networks – see some of our case studies in this report
- Member of the Education for Engineering group at the Royal Academy of Engineers
- Nominated members to sit on relevant groups of the National Skills Strategy Group

## **DEVELOPING A KNOWLEDGE CENTRE**

**Continuing to add to our newsletter content with news stories relevant to the wider nuclear industry**



**Establishment of the monthly webinar programme and access to past webinars for members**



**Development of Special Interest Groups to become developers of and a repository for knowledge on the nuclear sector**

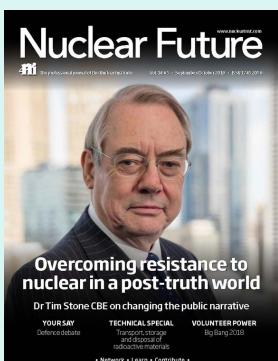


# CASE STUDY: NUCLEAR FUTURE

Our Nuclear Future editorial committee are always looking for good quality technical content on subjects of interest to the whole nuclear community. These are often received from scientific and technical personnel within industry and academia and provide a golden opportunity to showcase new products, techniques and solutions.

**Chair of the Committee, Prof Laurence Williams OBE FREng FNucl, comments:**

“ It is incumbent on the senior professionals in our industry to share their knowledge and good practice in ways that benefit the whole industry. Nuclear Future provides that opportunity to a guaranteed readership of nearly 3,000 people.



We should also consider the position of nuclear within the wider context of our low-carbon future and it is encouraging to see more articles on this topic and more interest from our readers.

Probably the best part of the job for those of us on the committee who get to peer review the submissions, is the decision on who has won the Pinkerton Prize for the best paper submitted each year. One of our past winners, Reuben Holmes of NNL, is now a committee member himself and coordinates the input from the YGN into the journal.



We always need more good quality input so I hope the industry will step up and contribute to this vital knowledge resource.





## IMPROVING PUBLIC UNDERSTANDING OF THE BENEFITS OF NUCLEAR TECHNOLOGY

# EDUCATE

HELPING THE NEXT NUCLEAR GENERATION  
THROUGH INITIATIVES LIKE THE ARKWRIGHT  
SCHOLARS AND CAREERS FAIRS

# ACCESS

OPEN ACCESS OF FREE BRANCH AND  
NETWORK EVENTS TO NON-MEMBERS AND  
THE WIDER PUBLIC

# CONTRIBUTE

NOMINATING SPEAKERS AND  
MEDIA CONTENT WHERE  
REQUESTED

# CASE STUDY: CENTRAL ENGLAND BRANCH

Our Central England branch is one of the most regular to contribute content to our monthly newsletter and to Nuclear Future. Holding regular evening events open to the public as well as members, they cover a wide range of topics and interests that promote the better understanding of nuclear matters.

**Branch Chair Mehdi Askarieh comments:**

**“** Our Committee always seeks out high quality speakers on topics from across the nuclear industry – power generation, waste management, defence and medical uses and beyond. These are interesting not only to members but also to the general public.

In 2018 our open lectures covered such varied topics as ‘Safety Culture on Licensed Sites’, ‘From radiation to genome editing: the journey of mouse models of genetic disease’, ‘How do you know it works if you can't test it?’, ‘Building a Tokamak’, ‘The lesser-known effects of radiation’, ‘The role of nuclear in a clean energy economy’, ‘Fukushima: the accident, its environmental consequences and their management’, ‘The chemistry of nuclear waste’ and our special Christmas Lecture, ‘Making virtual a reality’.

As a branch we also highly value our opportunities to engage with the public, both in our region and beyond. In 2018 this included taking part in the Big Bang Fair in Birmingham and New Scientist Live in London. We also have strong links with the Rutherford Appleton Laboratory and HMS Sultan in Gosport so have engaged in many schools and public events with them to showcase the nuclear industry as part of the Engineering your Future and other STEM initiatives.

We estimate we've reached well over 10,000 people at regional events alone and also work closely with key employers such as UKAEA, MOD and AWE to encourage apprentices, managers and others into membership of the NI. **”**



# THANK YOU

We remain indebted to our wide base of supporters of which our members are the most important. As well as over 2600 individual members the following companies were our chief supporters in 2018 and continue to support us in 2019.

# COMPANY MEMBERS

(THOSE THAT SUPPORT THEIR STAFF TO BE INDIVIDUAL MEMBERS IN THEIR OWN RIGHT)



Exyte Hargreaves  
an *eote* company



nucleargraduates



**Sir Robert  
MCALPINE**



**wood.**

# CORPORATE AFFILIATES



# EDUCATION AFFILIATES





## THANK YOU

We were also fortunate to receive support from the following companies as sponsors of our events and communities:

Abbott Risk Consulting - Accenture - Ansaldo Nuclear - Answers - Aquila - Arup - Assystem - Bechtel - BWR Hub - Cavendish Nuclear - CGN - Croft Associates - DBD International Ltd - EDF Energy - Framatome - Gravicus - Horizon Nuclear Power - INS - Jacobs - KBR - Kier Bam - LLWR - NAMRC - NNL - NSAM, a Joint Venture between ARL Partners and Amport Risk - NuGen - NuScale - Nuvia - Office for Nuclear Regulation - Orano - PWC - Rolls-Royce - Sellafield Ltd - SNC Lavalin/Atkins - South West Nuclear Hub - URENCO/U-Battery - Welsh Government – Westinghouse - Wood

Finally, our volunteers, who, as well as supporting the NI with their continuing loyalty as members, also devote their time and energies to helping us meet many of our strategic objectives.

Over 475 of them contributed to their membership body in 2018 and we could not achieve all that we do without their input.

# 2019 PLANS

Developing and enhancing collaboration with industry, academia, government and stakeholders

Our new governance structure will include the setting up of a Policy Committee to extend this further.

Promoting a strong nuclear community through networking and events

Our communities will continue to be our strongest link to the nuclear industry and offer a broad range of activities and information of interest in enhancing the professionalism of those in the industry.

Making the NI the 'institute of choice' for the nuclear professional

We plan to continue the strong growth in companies wanted to demonstrate their nuclear professionalism through support of their staff to professional recognition standards.

For individuals this will include a greater number of new Members and Fellows and an increasing percentage of women and younger members becoming professionally recognised through NI for their nuclear expertise.

Developing best practice in NI processes and communication

All our events will be bookable online and we will have more services to offer members via the members area. This will include access to more content and more personalisation of their own membership.

Supporting and expanding the volunteer network

We will support communities to set strong business plans and budgets to ensure that all branches and networks continue to grow.

Developing and enhancing member benefits

We will strive to provide more services to members and particularly those that enhance their careers such as mentoring, professional development opportunities and growing content.

Promoting education in nuclear science, engineering and technology

We will localise our provision to ensure that we serve known nuclear communities and continue to present the nuclear industry as vibrant and exciting to work in.

Developing a knowledge centre

Growth in content and trusted knowledge services is key so that members always have access to good quality and valuable knowledge.

Improving public understanding of the benefits of nuclear technology

Our Policy and Outreach work will continue to be the basis for achieving this and we will work to identify ways to engage the public more directly in our outputs.

# CONSOLIDATED STATEMENT OF FINANCIAL ACTIVITIES FOR THE YEAR ENDED 31 DECEMBER 2018

	Restricted £	Unrestricted £	Total 2018 £	Restricted £	Unrestricted £	Total 2017 £
<b>INCOME</b>						
Donations and legacies	20,500	5,237	25,737	45,800	1,950	47,750
Investment income	-	11,072	11,072	-	21,333	21,333
Charitable activities:						
Members' subscriptions	-	222,771	222,771	-	206,416	206,416
Operational programmes	-	4,889	4,889	-	10,590	10,590
Trading operations	20,500	243,969	264,469	45,800	240,289	286,089
<b>TOTAL INCOME</b>	<b>20,500</b>	<b>1,080,231</b>	<b>1,100,731</b>	<b>45,800</b>	<b>1,064,005</b>	<b>1,109,805</b>
<b>EXPENDITURE</b>						
Costs of raising funds	-	(526,964)	(526,964)	-	(664,276)	(664,276)
Charitable activities	(20,500)	(643,789)	(664,289)	(45,800)	(644,269)	(690,069)
<b>TOTAL EXPENDITURE</b>	<b>(20,500)</b>	<b>(1,170,753)</b>	<b>(1,191,253)</b>	<b>(45,800)</b>	<b>(1,308,545)</b>	<b>(1,354,345)</b>
<b>NET INCOME/(EXPENDITURE)</b>	<b>-</b>	<b>(90,522)</b>	<b>(90,522)</b>	<b>-</b>	<b>(244,540)</b>	<b>(244,540)</b>
Realised gain on investments	-	3,201	3,201	-	11,571	11,571
Unrealised (loss)/gain on investments	-	(48,038)	(48,038)	-	25,332	25,332
<b>NET MOVEMENT IN FUNDS</b>	<b>(135,359)</b>	<b>(135,359)</b>	<b>-</b>	<b>(207,637)</b>	<b>(207,637)</b>	
Fund balance carried forward at 1 January	-	650,110	650,110	-	857,747	857,747
<b>FUND BALANCE CARRIED FORWARD AT 31 DECEMBER</b>	<b>-</b>	<b>514,751</b>	<b>514,751</b>	<b>-</b>	<b>650,110</b>	<b>650,110</b>

# BALANCE SHEET AS AT 31

## DECEMBER 2018

	Group		Charity	
	2018	2017	2018	2017
	£	£	£	£
<b>FIXED ASSETS</b>				
Tangible assets	2,849	6,456	2,849	6,456
Investments	460,070	497,340	460,070	497,340
Subsidiary companies	-	-	100	100
<b>TOTAL FIXED ASSETS</b>	<b>462,919</b>	<b>503,796</b>	<b>463,019</b>	<b>503,896</b>
<b>CURRENT ASSETS</b>				
Debtors	217,253	276,068	78,116	67,609
Cash at bank and in hand	153,434	180,110	21,661	44,130
<b>TOTAL CURRENT ASSETS</b>	<b>370,687</b>	<b>456,178</b>	<b>99,777</b>	<b>111,739</b>
<b>CREDITORS: AMOUNTS FALLING DUE WITHIN ONE YEAR</b>	<b>(318,855)</b>	<b>(309,864)</b>	<b>(277,344)</b>	<b>(87,458)</b>
<b>NET CURRENT ASSET/(LIABILITIES)</b>	<b>51,832</b>	<b>146,314</b>	<b>(177,567)</b>	<b>24,281</b>
<b>TOTAL ASSET LESS CURRENT LIABILITIES</b>	<b>514,751</b>	<b>650,110</b>	<b>285,452</b>	<b>528,177</b>
<b>FUNDS</b>				
Unrestricted funds	514,751	650,110	285,452	528,177
<b>TOTAL FUNDS</b>	<b>514,751</b>	<b>650,110</b>	<b>285,452</b>	<b>528,177</b>





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