



The Nuclear Institute's Young Generation Network

FESTIVAL WEEK

16th - 20th November 2020

ORGANISED IN PARTNERSHIP WITH THE NDA GROUP



ENERGUS.



DAY THEMES AND SPONSORS

The Voice of Young People



Net Zero



Intro To



Career Development



Shaping the Future

ENERGUS.

Brochure Sponsor



Message from the YGN Chair



Hello everyone and thank you for joining us for YGN Festival Week, hosted in Partnership with the Nuclear Decommissioning Authority (NDA) Group.

We hope that this event will help you to connect with your YGN community and throughout the week we will hear stories from across the industry, celebrating the achievements of young nuclear professionals in shaping the future. We will hear about nuclear technology's role in global sustainable development and meeting our climate change commitments. And we will showcase the inspiring opportunities in UK nuclear.

I have to say, it hasn't quite been the year that I expected when I stepped in as Chair, but I am incredibly proud of the YGN Strategic Committee, our subcommittees and wider YGN community for being agile and pivoting to enable us to sustain and even enhance the levels of engagement we have had with our members despite the constraints upon us. To highlight just a few examples, in recent months the YGN has:

- Launched the Chain Reaction Series, an educational outreach platform which features real people doing 'kitchen cupboard' science as a way to nurture stronger relationships between STEAM (Science, Technology, Engineering, Arts, Mathematics) industries
- Supported the recruitment of the first ever Next Gen Nuclear Industry Council
- Launched the YGN Futuresight series on LinkedIn and we have made significant contribution to the NI's Nuclear Future Journal
- Launched the NI YGN Future of Work special interest group
- Ran our first ever fully virtual national speaking competition, where we were all inspired by the quality of the talks and the abilities of the speakers to engage their audience and communicate complex topics via the virtual platform
- Appointed a brilliant team to lead on the YGN's advocacy activities in the run-up to our attendance at COP 26, the UN climate change summit in 2021
- Held our first ever virtual AGM And of course this week, we are holding our first ever fully virtual annual event.

Message from the YGN Chair

So we have a lot to be proud of and by doing things differently, have even discovered new and better ways to do things in the future. I would like to say a personal thank you to all of our committee members, their teams and our wider networks of volunteers and supporters who have made 2020 such a success.

And during 2020, the YGN has continued to represent the voice of young people in the UK through our involvement in the Nuclear Skills Strategy Group and Next Gen Nuclear Industry Council and on the international stage by engaging with the European Nuclear Society and International Youth Nuclear Congress.

In this year of significant firsts, we are grateful to the NDA Group of companies, who are the YGN's first ever Industry Partner, a relationship that demonstrates a commitment by the UK Nuclear Industry to the YGN's mission to encourage, develop and inspire young nuclear professionals, and to ensure their voice is heard in shaping the future of our sector.

For those in their early careers, the YGN provides a platform to build personal and professional networks as part of a nuclear community. Through our activities, we bring together professionals to support them in their development, connect people, provide an insight to other industry activities, and help to enthuse the wider public about the many benefits of nuclear technology. Of course, the YGN is just the first step on your career journey, as you work towards Professional Membership and Registration with the NI, as the professional body for the UK nuclear industry.

Each day of Festival Week is themed, and we are grateful to our day sponsors: Orano, Mott MacDonald, NSG, Urenco Nuclear Stewardship and Energus. Thank you also to Amentum for sponsoring this digital brochure. Thanks go to the fantastic organising team who have worked tirelessly to bring you this event, with the support of Marick. And I would like to take this opportunity to thank all of the volunteers who continue to support the YGN.

Later in the week we will hear from NI President, Gwen Parry-Jones, about the future of the Nuclear Institute and the importance of the NI and YGN to the talent pipeline that is so essential to the achievement of our collective ambitions across legacy and new build missions.

Finally, I am very pleased to hand over leadership of the YGN to Hannah Paterson from Sellafield Ltd, who will be your Chair for 2021. Hannah has been instrumental in establishing the NDA Industry Partnership, and in developing our plans for COP 26, and I look forward to seeing her lead the YGN into a bright future of inspiring opportunities for young nuclear professionals.

Rob Ward
YGN Chair 2020

Agenda

Overview

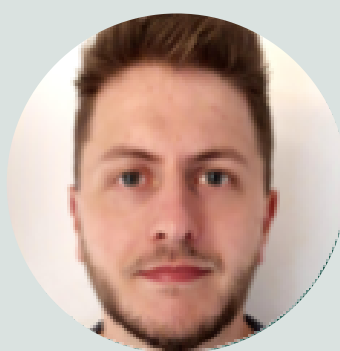
Monday 16th	Tuesday 17th	Wednesday 18th	Thursday 19th	Friday 20th
The Voice of Young People	Net Zero	Intro to...	Career Development	Shaping the Future
				
Following opening speeches from the YGN and our new Industry Partner we will hear from Young People in leading roles within the UK and international nuclear community	Discussions around nuclear energy's role in the future low carbon energy system, and a chance to hear about the YGN's clean energy advocacy activities in the run-up to COP26 in 2021.	Teasers of our Intro to seminars scheduled for 2021. Topics will include New Build & Power Generation, Regulation, and Waste Management.	A day of innovative virtual networking and career support including an exclusive opportunity to experience a new personal development programme for the nuclear industry.	Hear from the YGNers shaping the future of our sector. The winner of the YGN Prize and YGN Excellence Prize will also be announced.

Monday 16th November

YGN Festival Week: The Voice of Young People (opening session)

09:30 - 10:45

Join us for the launch of the first ever YGN Festival Week in partnership with the NDA Group. Following a keynote address by NDA CEO David Peattie, hear from senior NDA leaders and current and former YGNers about why this partnership is so important for the future of the nuclear industry and how young people are already doing great things across the NDA estate. Also a chance to hear more about the events taking place during the week.



Rob Ward
YGN Chair



Hannah Paterson
YGN Vice-Chair



David Peattie
NDA



Corhyn Parr
NDA



Adrian Simper
NDA



Claire Gallery-Strong
NDA



Tom Eastup
PA Consulting

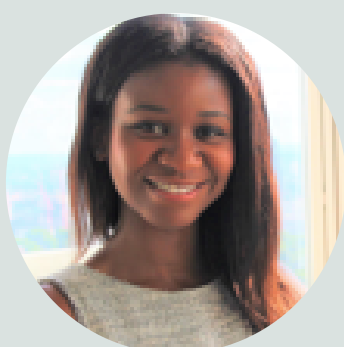
Generation 2050

12:00 - 13:00

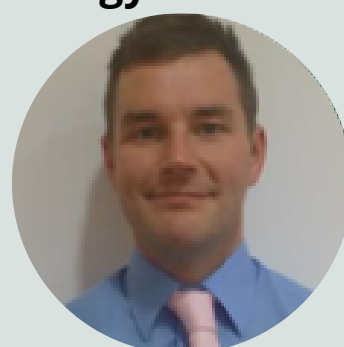
This session will explore the views of young people around the world about the role of nuclear technology in sustainable development, covering topics from clean energy to global development. Participants will have access to initial findings of the Energy Institute Generation 2050 global survey followed by a chance to hear YGN National Speaking Competition winner Allan Simpson's inspiring talk on "humanising nuclear energy".



Kirsty Gogan
LucidCatalyst /
TerraPraxis



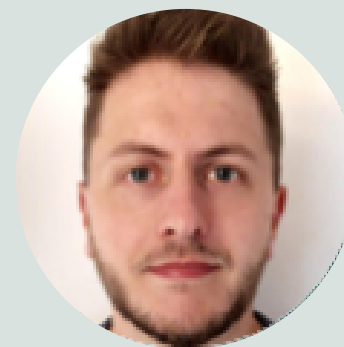
Sinead Obeng
Gazprom Marketing &
Trading



Ed Walker
AECOM



Allan Simpson
NNL



Rob Ward
YGN Chair

Agenda

Ensuring the future of nuclear by NextGen NIC

15:00 - 16:00

Branding, Marketing, Relationships, Workforce and Outreach/STEM are key elements to enable the future of nuclear energy. Hear and interact with the NextGen NIC's plans to ensure we drive the industry forward as leaders of tomorrow.



Georgia Pawson
Next Gen NIC



Emily Newton
Next Gen NIC



Jake Tudge
Next Gen NIC



Ruth Sellick
Next Gen NIC



Callum Thomas
Next Gen NIC



Anna Tyler-Revell
Next Gen NIC

Tuesday 17th November

Net-Zero 2050: Why, How, What?

10:00 - 10.45

A panel session with speakers from across energy generation to allow us to ask why, how and what, to meet Net-Zero 2050.



Dr David Cole
Atkins / SNC-Lavalin

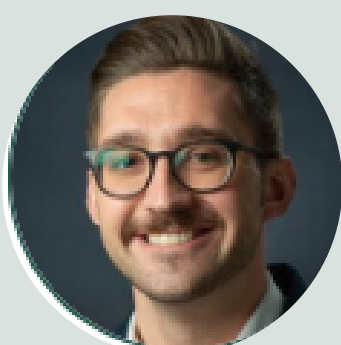


Sally Shenton
Generating Better

Changing the Nuclear Narrative #COP26

13:00 - 14:30

Join Eric Meyer who has led nuclear activism and seen the enormous changes in the conversation alongside other nuclear advocates from the UK for an interactive discussion on how we collectively change the nuclear narrative in the lead up to COP26. The most ambitious, internationally agreed, climate change targets to date have been made at the COP conferences. The Paris Agreement started at COP21 and is the most important piece of climate legislation ever created. Nuclear energy has had an incredible journey, from deciding at COP6 that nuclear energy wasn't viable to conversations at COP24 leading to Poland's newfound nuclear ambitions.



Eric Meyer
Generation Atomic



Veronika Struharova
New Nuclear
Watch Institute



Troy Fielder
Friends of Nuclear
Energy

Agenda

An Audience With Zion Lights (YGN members only)

17:30 - 19:00

Earlier this year, Zion Lights, a former Extinction Rebellion (XR) UK spokesperson left the environmental group to campaign for nuclear power. Now the director of the UK branch of Environmental Progress, Zion has become somewhat of a celebrity in the pro-nuclear community, featuring prominently in the news and speaking at various events about her reasons for leaving XR. In this online event, you will get to hear more about Zion's background as a passionate climate action activist, why she believes nuclear is essential to achieving net-zero and how we can better promote and communicate about nuclear power beyond the nuclear industry. This event is limited to 30 attendees in order to facilitate an interactive Q&A. You must be a YGN member to register.



Zion Lights
Environmental Progress

Wednesday 18th November

Introduction to New Build & Power Generation

9:00 - 10:00

This exciting session will introduce delegates to the importance of new build programs within nuclear, as well as a more detailed look at the MEH install phase of Hinkley Point C.



Titot Prayoga
EDF Energy



Ross Murison
EDF Energy

Introduction to Waste Management

13:00 - 14:00

Waste Management is one of the more complex sides of our industry. This popular session will focus on the unique challenges faced when decommissioning nuclear sites and give an overview of the process.



Dr Rebecca Weston
Sellafield Ltd



Lisa Maxwell
Sellafield Ltd

Agenda

Introduction to Regulation

16:00 - 17:00

This session will provide an overview of the objectives, past and present, of ONR's work to develop its capability and capacity to regulate areas such as Advanced Nuclear Technologies (ANTs). With the exciting development of new technology within our industry, the ONR needs to adapt to ensure that their inspectors have in-depth knowledge of Small Modular Reactors (SMRs) and Advanced Modular Reactors (AMRs).



Douglas Styles
ONR



Rebecca Thorington
ONR

Thursday 19th November

Virtual Coffee Roulette

12:00 - 13:00

Join our virtual networking session where you will be randomly matched to another nuclear professional from the thriving young nuclear professional community in the UK. Make a new connection and share learning across organisations over this informal coffee break.

Leadership and Development Seminar

13:00 - 15:00

This session is aimed at young professionals who are looking to develop their career by moving into leadership positions. A selection of presentations and interactive sessions will offer tools and techniques to help you take the next steps towards success in your career.



Julianne Antrobus
PA Consulting



Tom Keegan
DBD Ltd



Mike Roberts
Atkins / SNC-Lavalin



Jacq Longrigg
NDA

Agenda

"Becoming Me" with Andrew Sherry (YGN members only)

17:30 - 19:00

Everyone's career journey follows its own unique pathway, but in some ways, they are not so different. We all want to understand who we are and what we are made to do, so that our career plays to our passions and our proficiency. In this session, Professor Andrew Sherry will use examples from his own career to illustrate this journey of discovery, and will introduce simple techniques that will help us all to understand ourselves better and so find the best career pathway for us. Based on the new Becoming Me... programme, the evening will involve group work and sharing. It will be stimulating, interesting and above all fun!



Prof Andrew Sherry
NNL

Friday 20th November

Shaping the Future

10:00 - 11:30

With an ageing workforce, how do we ensure that the future workforce is fit for the changing demands of the Nuclear Industry? Hear perspectives from recruitment, a strategic group for skills and STEM ambassadors, and how all three will help shape and influence the future of the Nuclear workforce.



Priya Hira
Nucleargraduates



Miguel Trenkel Lopez
CurieUs Games &
Magnox



Annalise Beddard
NSSG



Anna Byrne
Nucleargraduates

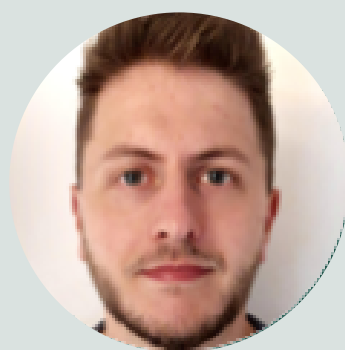
Closing Session: Shaping the Future

12:00 - 13:00

A celebration of Festival Week and the YGN community. A keynote address from NI President and Magnox CEO, Gwen Parry-Jones, followed by the award of the YGN Prize to a long-standing champion of young people in the industry, and the YGN Excellence Prize to someone who has gone above and beyond in their early career in support of the YGN's mission.



Gwen Parry-Jones
Magnox Ltd & Nuclear Institute



Rob Ward
YGN Chair



Hannah Paterson
YGN Vice-Chair

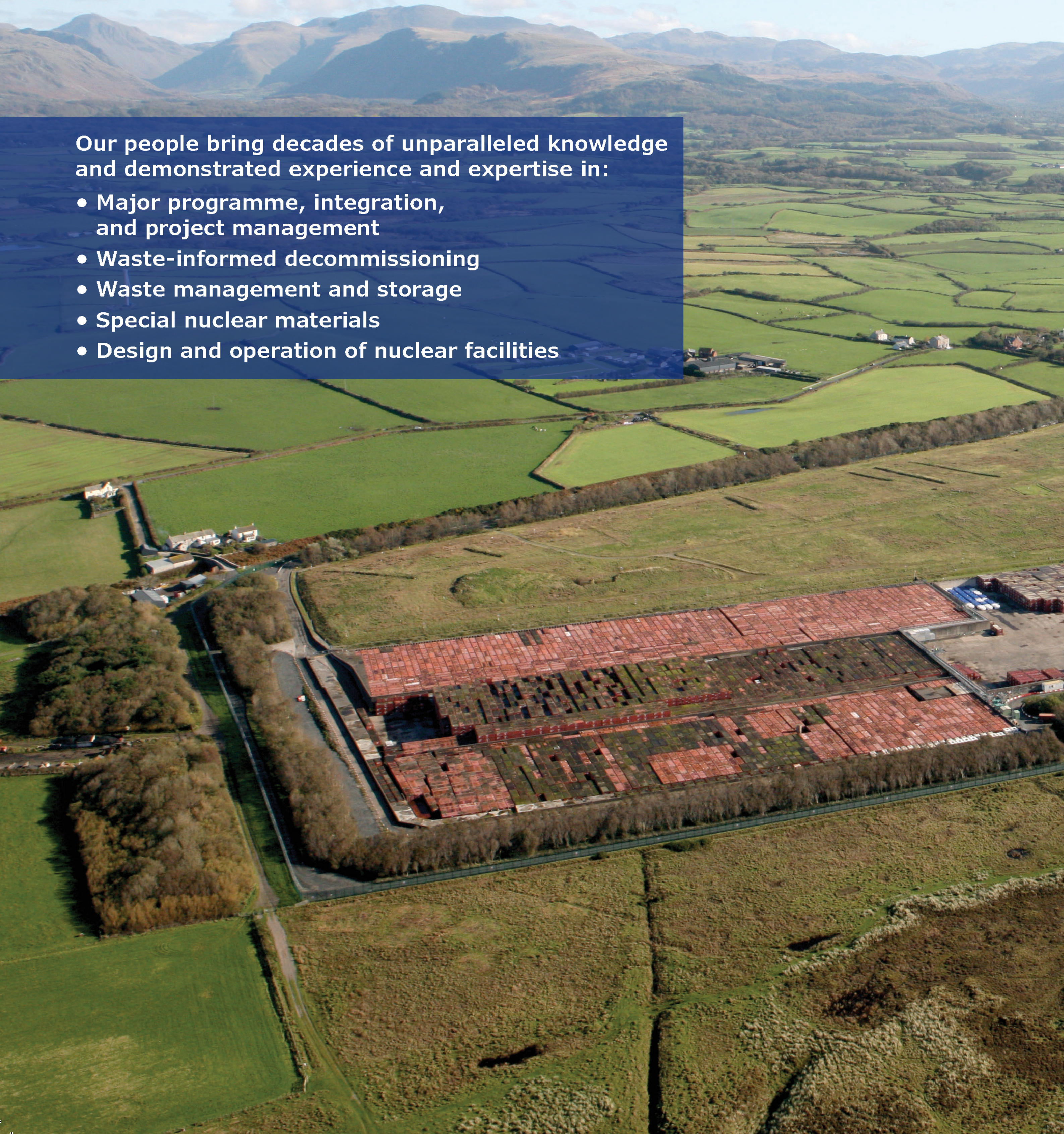
amentum[®]

Experience | Passion | Purpose

Through commitment, innovation, and excellence we deliver safe management, decommissioning, and clean-up of UK nuclear sites

Our people bring decades of unparalleled knowledge and demonstrated experience and expertise in:

- Major programme, integration, and project management
- Waste-informed decommissioning
- Waste management and storage
- Special nuclear materials
- Design and operation of nuclear facilities





Amentum is growing in the UK

We are looking for dynamic and ambitious individuals who want to make a difference in nuclear and environment.

**Join a growing business, join an exciting team,
join Amentum!**

amentumcareers.com

We are...



Proud sponsors of the YGN Festival 2020



Nuclear is part of our future

With 16,000 employees across the globe, Orano is a world leader in nuclear, working to make tomorrow's energy safe and efficient for all.

We develop cutting-edge technology and methods across the whole nuclear lifecycle, from uranium mining and designing new facilities, through to decommissioning and managing nuclear waste.

Learn more about our long-term graduate development programme and the possibilities of starting a career with Orano.

Be part of tomorrow's energy

www.oranoprojects.uk

www.orano.group

The path to net-zero carbon

As the world's first carbon-neutral engineering company, we support our clients to deliver projects that help meet net-zero targets worldwide.

Connecting our thinking across all energy sectors, including nuclear, we create integrated and innovative design solutions with a focus on social outcomes for the communities you serve. Let us help you engineer a sustainable future.

**Opening opportunities
with connected thinking.**

To learn more, please contact us at
FutureEnergy@mottmac.com

mottmac.com



NSG

legacy management



At NSG, our vision is to be the nuclear industry's preferred partner and we believe our people are fundamental to achieving this. With over 35 years' experience of delivering services for the vast majority of sites across the UK, we pride ourselves on our ability to provide simple solutions to the nuclear industry's most complex challenges.

Find out more at www.nsgltd.com.



Providing bespoke end of life-cycle management solutions to the nuclear industry

Our workforce have specialist management
skills and expertise within the nuclear sector in:

Waste management and waste services

Storage of radiological materials

Radiological asset care

Decommissioning and land remediation

Engineering support



Proud to sponsor the YGN event

www.urenco.com

ENERGUS. & nucleargraduates

Bespoke Business Solutions

Why have an Energus apprentice or graduate as part of your workforce?



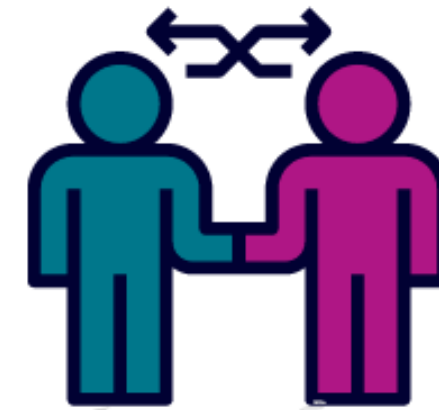
WE CAN HELP
UTILISE YOUR LEVY

**80%
Retention
stats here**



ACCESS TO OUR
NETWORKS

**&
COLLABORATION
OPPORTUNITIES**



AVOID EXPENSIVE
RECRUITMENT COSTS



**KEEP YOUR
TEAM UP TO
DATE WITH NEW
SKILLS**



DEDICATED
PROGRAMME
TEAMS

GROW YOUR
OWN TALENT



**Don't just take
our word for it**



PRINCESS ROYAL
TRAINING AWARD
2017



PRINCESS ROYAL
TRAINING AWARD
2020



**THE
INVESTORS
IN PEOPLE™
AWARDS 2019
Winner**

What else can Energus offer your organisation?



BESPOKE RECRUITMENT
CAMPAIGNS



VIRTUAL ASSESSMENT CENTRES



**UPSILL
YOUR
WORKFORCE
ON OUR
PROGRAMMES**



SPECIALIZED
SOLUTIONS

VIDEO CONFERENCING
SOLUTIONS



CYBER SECURITY
TRAINING IN A STATE
OF THE ART CYBER LAB

**To Find out more,
contact...**
hello@energus.co.uk
or
Call 01900 605665

2020 Volunteers

The YGN prides itself on its programme of events every year but these would not be made possible without the help and dedication of our volunteers. Thanks to each and everyone of the following who've made 2020 a great year for the YGN:

Adam Olive
Alastair Murdoch
Alice Cunha da Silva
Annabelle Bigrigg
Andrew Milling
Arun Khuttan
Allan Simpson
Ayomide Ukpong
Carwyn Chamberlain
Catherine Porter
Celia Wighton
Catherine Porter
Dylan Watmough
Dyllan Parkinson
Frances Yates
Georgia Pawson
Grace Frost
Hannah Paterson
Hareth Al-Maskari
Henry Preston
Ian Hill
Ioanna Playbell
Jake Tudge
James Barker
James Cornish
James Fahy
James Gath

James O'Keeffe
Jerome Allison
Jessica Cliff
Kate McDonald
Katie Paterson
Laura Leay
Maddie Knight
Martin Donohue
Martin Rayner
Matthew Mairinger
Matthew Williams
Miguel Trenkel Lopez
Mike Roberts
Mike Taylor
Mitchell McCombe
Neil Calder
Nicole Tait
Peter Freegard
Philippa Hawley
Priya Hira
Rachael Clayton

Rachael Matthews
Rebecca Hunter
Rob Ward
Robert Alford
Ross Murison
Sacha Mama-Kahn
Samuel Smith
Sarah D'Lima
Sarah Kanwar
Saralyn Thomas
Scott Davis
Sophie Zienkiewicz
Stacy Snook
Thomas Lyon
Tiffany Duffin
Vicki Dingwall
Yasmin Yu

And many more
volunteers who continue
to make our work
possible.

Thank
you

Social Media Links



'Nuclear Institute Young Generation Network'



@ni_ygn



@ni_ygn



'Nuclear Institute - Young Generation Network'



young generation
network
ygn

ni
the
nuclear institute