

The importance of training ... and what else?

Sarah Beacock FEI
CEO Nuclear Institute

UK Nuclear Academics Meeting 2022
7-8 September, University of Strathclyde



About the Nuclear Institute

Membership Body

The NI works entirely for its members. Professional development and volunteering across branches and networks. Also provides membership for companies and universities

Engineering, Science & Environmental Licensed Body

The NI is licensed by both the Engineering and Science Councils and the Society for the Environment (Chartered status and other forms of professional registration, etc.)

Charity

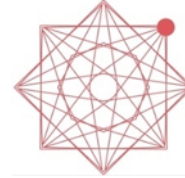
The Nuclear Institute's charitable objectives include:

- Supporting nuclear professionalism
- Encouraging education for nuclear energy & technology
- Furthering the public understanding of the uses of nuclear energy

NI Professional Membership



or



Member (MNucl)

Fellow (FNucl)

+

Professional Registration



Chartered Engineer (CEng)
Incorporated Engineer (IEng)
Engineering Technician
(EngTech)



Chartered Scientist
(CSci)



Chartered Environmentalist
(CEnv)
Registered Environmental
Technician (REnvTech)

Professional Membership of the NI

Who are our Professional Members?

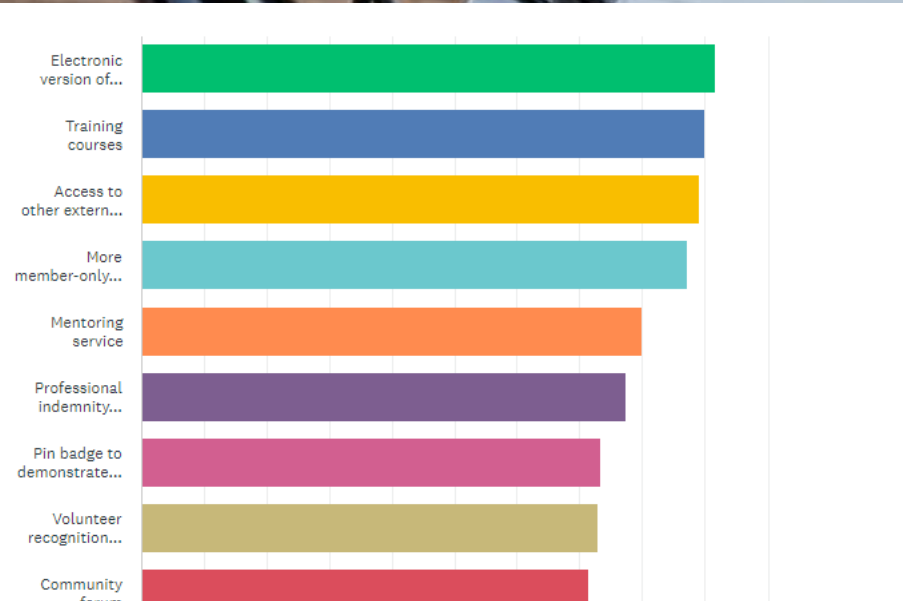
Drawn from a wide range of *technical* and *non-technical disciplines*, NI Members are practising nuclear professionals who *apply personal behavioural standards* and *exercise judgement* based on an understanding of the Nuclear Delta®, *as applicable to their role and work context*, ensuring their decisions and actions support nuclear safety and security, both now and in the future.

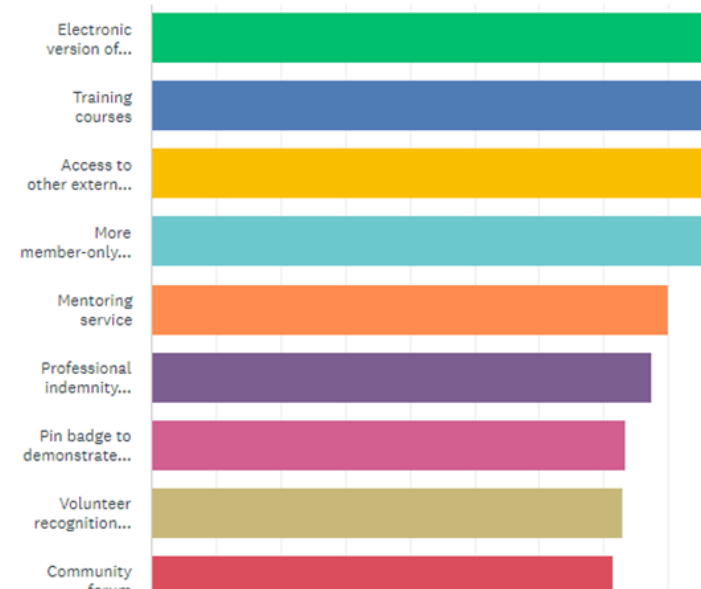
WISH LIST

1.

2.

3.





YGN Intro to Waste Management & Decommissioning 2022



YGN Intro to Waste Management & Decommissioning 2022

REGISTRATION HAS NOW CLOSED AS THE EVENT IS FULLY BOOKED

Back by popular demand, the Nuclear Institute YGN is hosting Introduction to Waste Management & Decommissioning in 2022.

This three day event will give an insight into waste management and decommissioning through presentations from leading experts in the field and includes the opportunity to tour Sellafield and LLWR sites.

When?

4 - 6th October 2022

Where?

Sellafield & LLWR Sites
Cumbria

Fee?

Booking Deadline Passed

Contact

northwest@nuclearinst.com



Formal training:
Classroom
'Taught' or 'Experiential'
With a peer group
Away from work environment
Time and location constrained
Instructor led
Assessed?



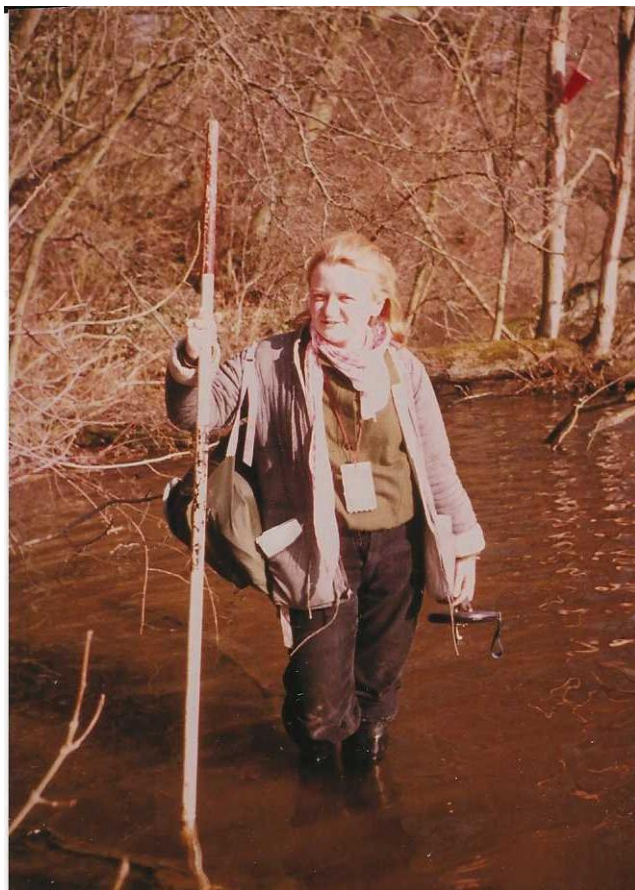
Informal training:
On the job
Practical
Individually
More likely to be work based
Delivery anywhere
Instructor/trainee led
Assessed?



SUCCESS

practice
instruction
training
learning









Learning, Knowledge, Growth

Advanced training

The diagram consists of five teal-colored rounded rectangular boxes. At the top, there are three empty boxes arranged horizontally. Below them, on the left, is a box containing the text 'Advanced training'. To its right is a box containing the text 'Ability'. At the bottom, spanning the width of the two boxes above it, is a larger box containing the text 'Learning, Knowledge, Growth'.

Ability

Learning, Knowledge, Growth

Behaviour

Judgement

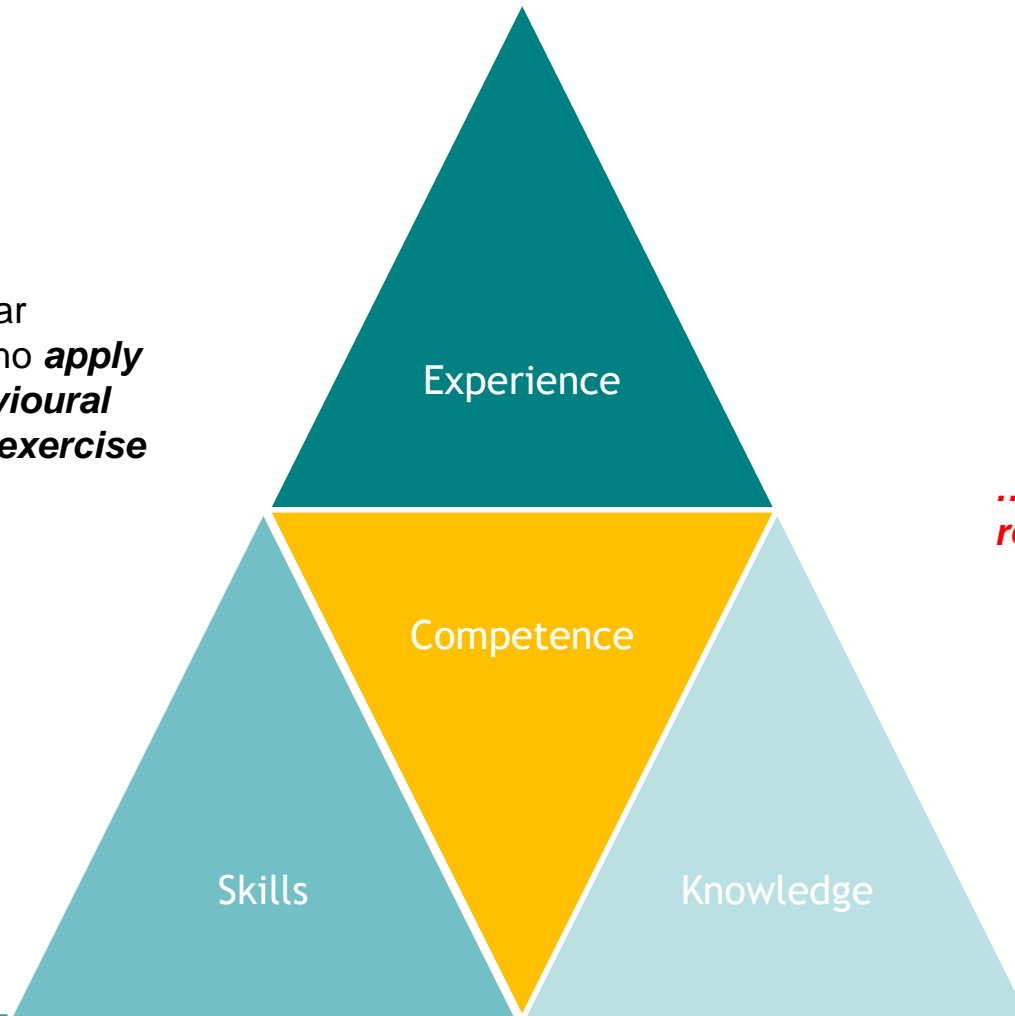
Experience

Advanced training

Ability

Learning, Knowledge, Growth

practising nuclear
professionals who ***apply***
personal behavioural
standards and ***exercise***
judgement ...



***... as applicable to their
role and work context***

Rob Ward CEng MNucl



Current

- Nuclear Sector Development Manager, Copeland Borough Council
- Cumbria LEP Clean Energy Panel
- Chair of the NI Young Generation Network
- NSSG Board Member

Past

Why professional membership and registration is important - *now, more than ever!*

Highlights your professional competence



Public confidence



Recognition, networking and increased influence



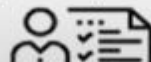
Demonstrates your commitment to the nuclear sector/professional standards

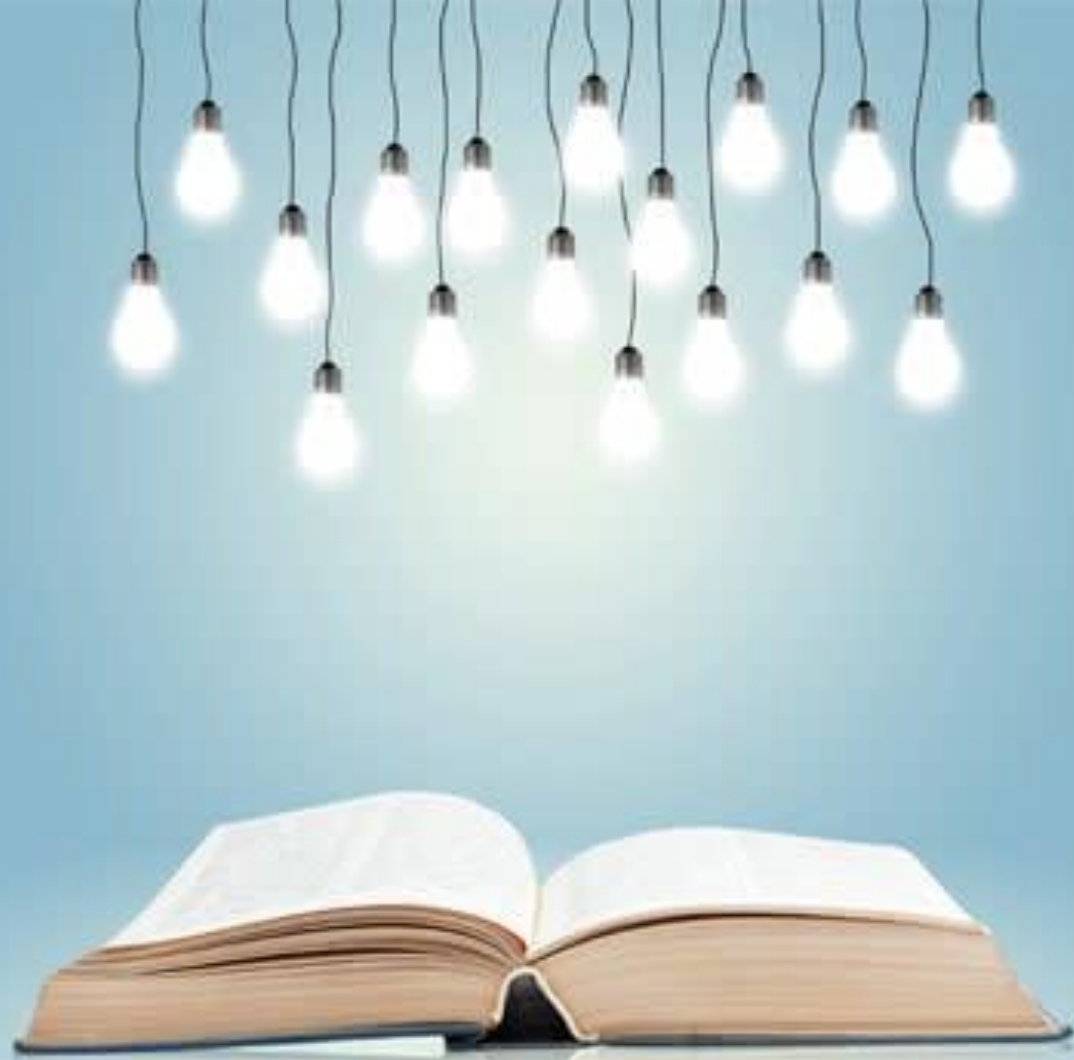


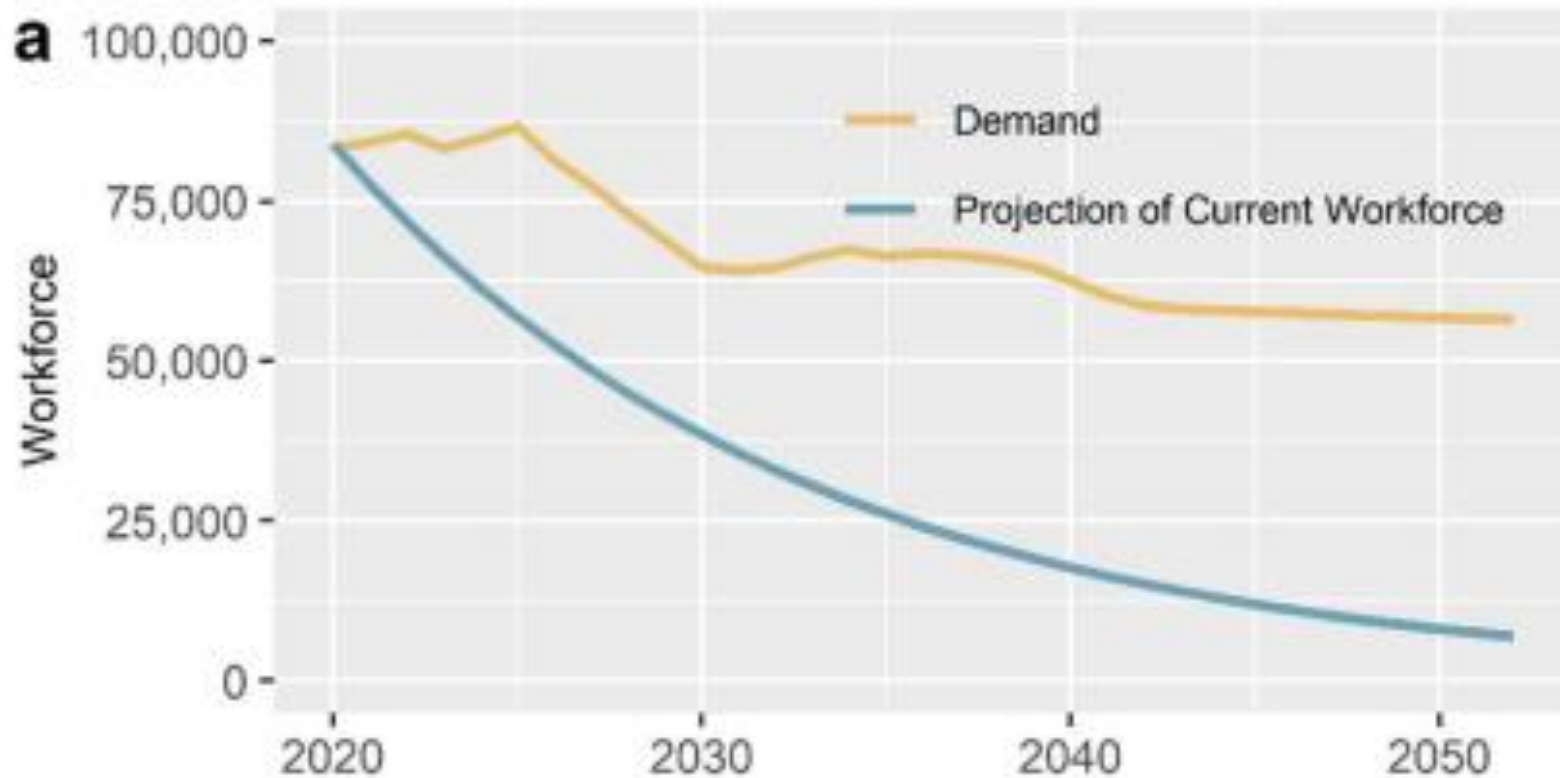
Nuclear for Net Zero



Demonstrates your applied expertise







Nuclear Workforce Assessment 2021 – 100,000 required in total by 2040 – Medium scenario

Attract

Train

Retain

