

Young Professionals in Nuclear Science and Engineering – a UK YGN perspective

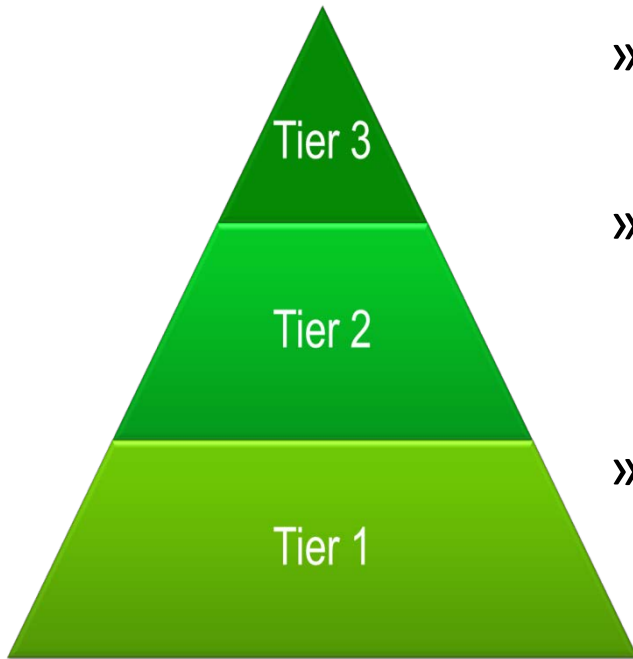
Michael Bray
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UK YGN Vice Chair: 2015 - Present

The United Kingdom's nuclear programme

- 5 new civil nuclear plants by 2030
- Large programme of decommissioning work – 19 sites
- Astute and Successor submarines

Sustaining the United Kingdom's nuclear skills

- Need to recruit 8,600 people per year
- Reskill existing workforce



- » Tier 3 (20+ years' experience) – subject matter experts
- » Tier 2 (10+ years' experience) – need documented combination of qualifications and sector experience
- » Tier 1 (without special nuclear skills) – require awareness for nuclear quality and safety standards

Delivering the United Kingdom's nuclear skills

- UK's Objectives:
 - Meet skills demand;
 - Maintain global reputation for excellence;
 - Diversify workforce
- UK Industry bodies:
 - Nuclear Industry Council (NIC) – **oversight**
 - National Skills Academy for Nuclear (NSAN) – **guidance**
 - National College for Nuclear (NCfN) – **delivery**
 - The Career Path for Nuclear
 - Nuclear Institute & UK YGN

UK YGN - Overview

- ‘Young Generation Network’
- UK-wide subsidiary of the Nuclear Institute (NI)
- Under 37 years of age or new to industry
- YGN is 20 years old
- Almost 1,000 members (and almost 2,000 subscribers)
- Aims: promote knowledge sharing and provide a platform for: E&T; personal networking; exchange of best practice across companies; transfer of skills and experience; development of nuclear technology; career development
- Plugging skills gap and recruitment
- Most active branch/network of the NI

UK YGN – Annual Events

- Intro to Seminars: Legal & Commercial; New Build; PowerGen; Regulation & Safety; Defence; and Waste Management & Decommissioning
- Speaking competitions
- ‘Audience With...’
- Exhibition and Networking Events (North West and South West)
- Technical site tours (such as Cammell Laird & Hunterston)
- Support UK STEM events (Engineering Your Future; Big Bang; Careers Fairs)
- Annual day seminar & dinner

ENYGF MANCHESTER 2017

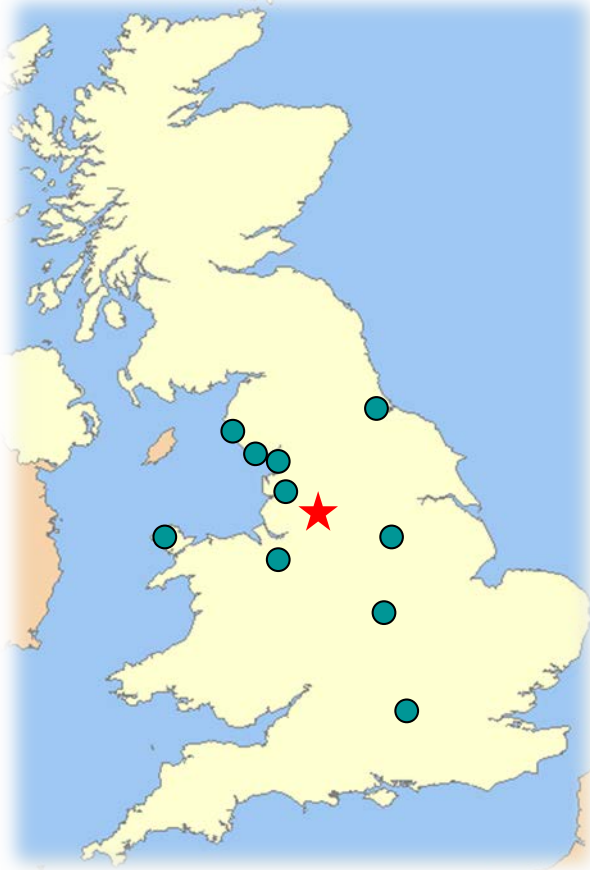
European Nuclear Young Generation Forum

11-16 June 2017

ENYGF - Schedule

	SUNDAY 11 TH JUNE	MONDAY 12 TH JUNE	TUESDAY 13 TH JUNE	WEDNESDAY 14 TH JUNE	THURSDAY 15 TH JUNE	FRIDAY 16 TH JUNE	
AM	ARRIVAL	PLENARY		TECHNICAL TOURS	PLENARY	CULTURAL VISIT	AM
PM		WORKSHOP	PANEL		TECHNICAL SESSION		WORKSHOP
EVENING	WELCOME DINNER	EVENING RECEPTION		FREE TIME	FAREWELL DINNER		EVENING

ENYGF – Technical Tours



Options from across the nuclear fuel cycle in both civil nuclear and defence.

Possible Host Companies (TBC)



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