



Industrial participation in education: research projects and careers days

Collaborators: Various inc. Magnox Ltd, Sellafield Ltd.

Members: Universities of Bristol, Southampton, Plymouth, West of England (UWE)

Challenge

Attracting talented graduates to work in the nuclear sector can be challenging, with students often not aware of the wide range of careers available in the industry. This makes it harder for organisations to attract the numbers of new workers they need, as well as the diversity required to create an inspirational, desired career destination.

There is an incredible amount of skills still needed that we're competing with other sectors for, constantly. The only logical solution is to continue to develop more and to make the sector attractive for people."

[Beccy Pleasant, Nuclear Skills Lead – Nuclear Skills Strategy Group](#)

Engagement during degree programmes to improve the student experience and promote nuclear careers is important to strengthen links between universities and industry.

Outcomes

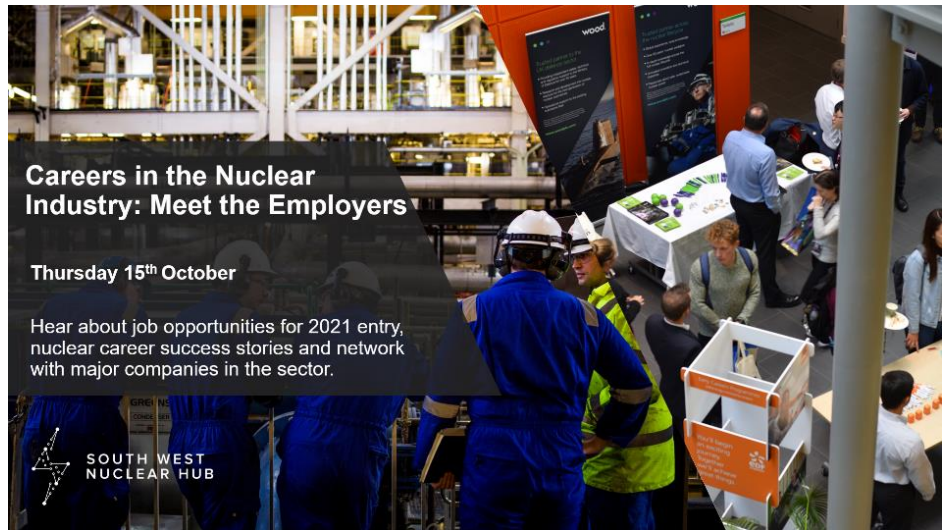
Industry involvement is integrated into the Bristol MSc Nuclear Science & Engineering programme, with individual and group projects set and/or supported by industrial partners.

The Hub has also established an annual nuclear-specific careers event for students. This has grown from a handful of company presentations to Bristol MSc students to a coordinated series of talks open to students from all member universities.





SOUTH WEST
NUCLEAR
HUB



Careers in the Nuclear Industry: Meet the Employers

Thursday 15th October

Hear about job opportunities for 2021 entry, nuclear career success stories and network with major companies in the sector.



A [Bristol MSc] group project report contributed to a change in our proposed strategy in which we are now intending to fully destress the Oldbury Reactors as opposed to managing the corrosion through care and maintenance, with savings of the order of millions of pounds.

Chris Davies, Senior System Engineer, Magnox Ltd.



How the Hub added value

The annual careers event provides a bespoke opportunity for nuclear employers not provided by University Careers Services, providing a focused student audience at undergraduate and postgraduate levels. This is possible due to the Hub's industrial and university links, plus the dedicated resource for planning and delivery of the event.



By proactively raising awareness raising of nuclear as an inspirational career destination, the Bristol nuclear MSc is now an established postgraduate programme providing a pipeline of talent to the regional sector and beyond.