

European Nuclear Society Education Training and Knowledge Management



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Topics

Ensuring qualified professionals are available for the nuclear programme in the UK

- The importance of Nuclear Professionalism
- What is a Nuclear Professional?
- UK Solutions
- Next Steps

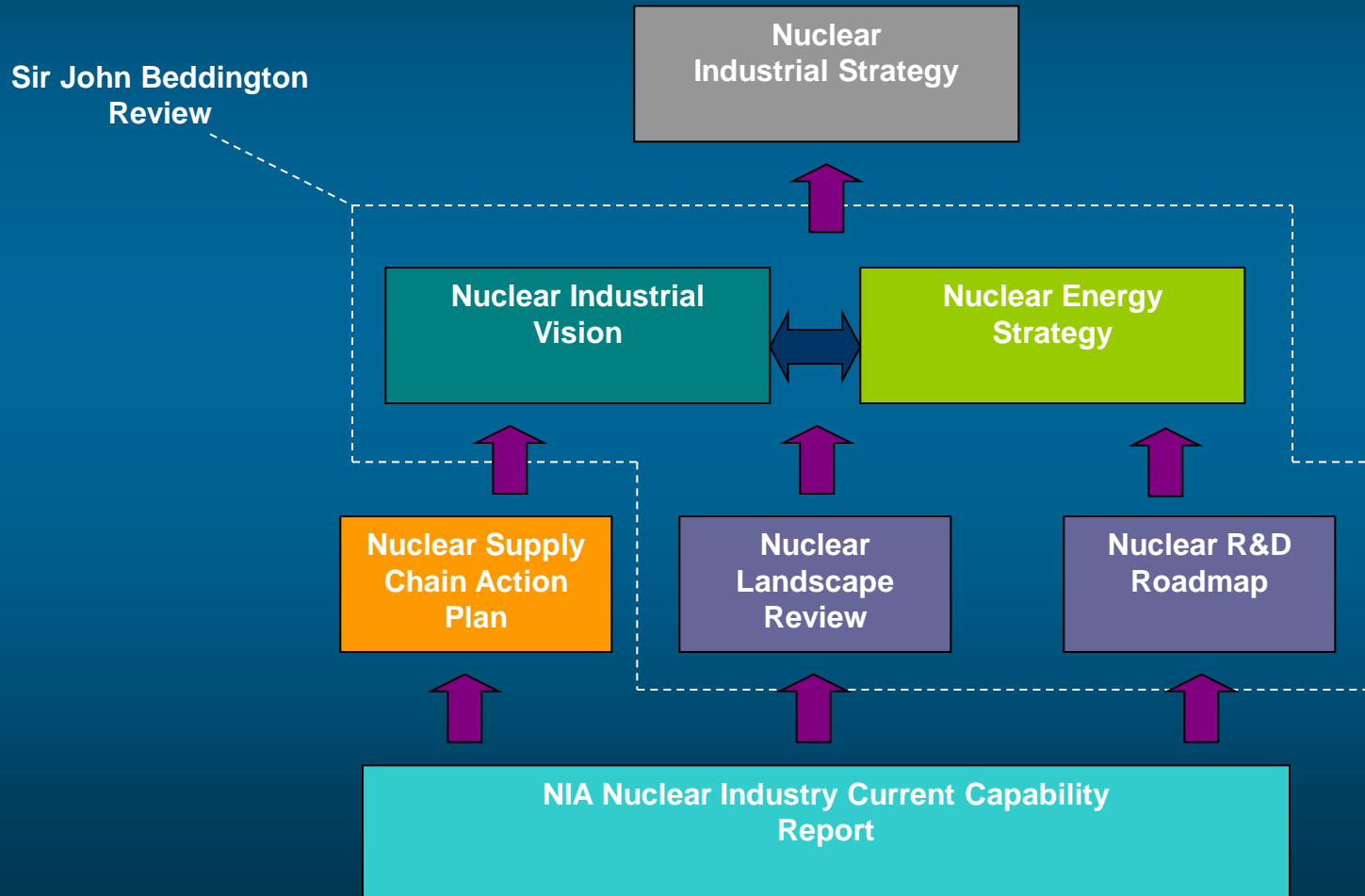
Dr Weightman Fukushima Report

Recommendation FR-11: The UK nuclear industry should continue to promote sustained high levels of safety culture amongst all its employees, making use of the National Skills Academy for Nuclear and other schemes that promote “nuclear professionalism”.

Nuclear Professionalism

It is clearly a worthy ambition to develop and promote Nuclear Professionalism across the Nuclear Industry, but we need to consider what this means and how it can be demonstrated?

The Vision in the wider context: A Nuclear Industrial Strategy



Skills Academy Vision

The lead strategic body that represents the industry to stimulate, coordinate and enable excellence in skills to support the nuclear programme

Progression and Development Routes to Support Nuclear Professionalism

Leading to a sustainable, skilled, competent and safe UK nuclear workforce to achieve current and future demands

Certificate of Nuclear Professionalism

Award for Nuclear Industry Awareness

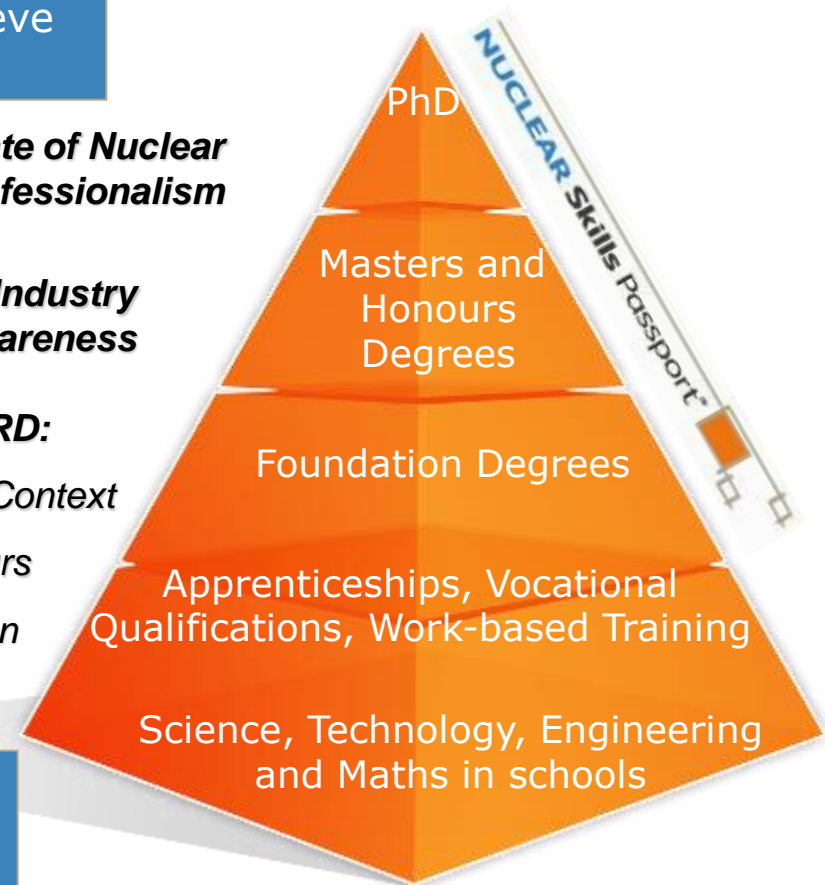
THREE BAR STANDARD:

Basic Nuclear Industry Context

Basic Nuclear Behaviours

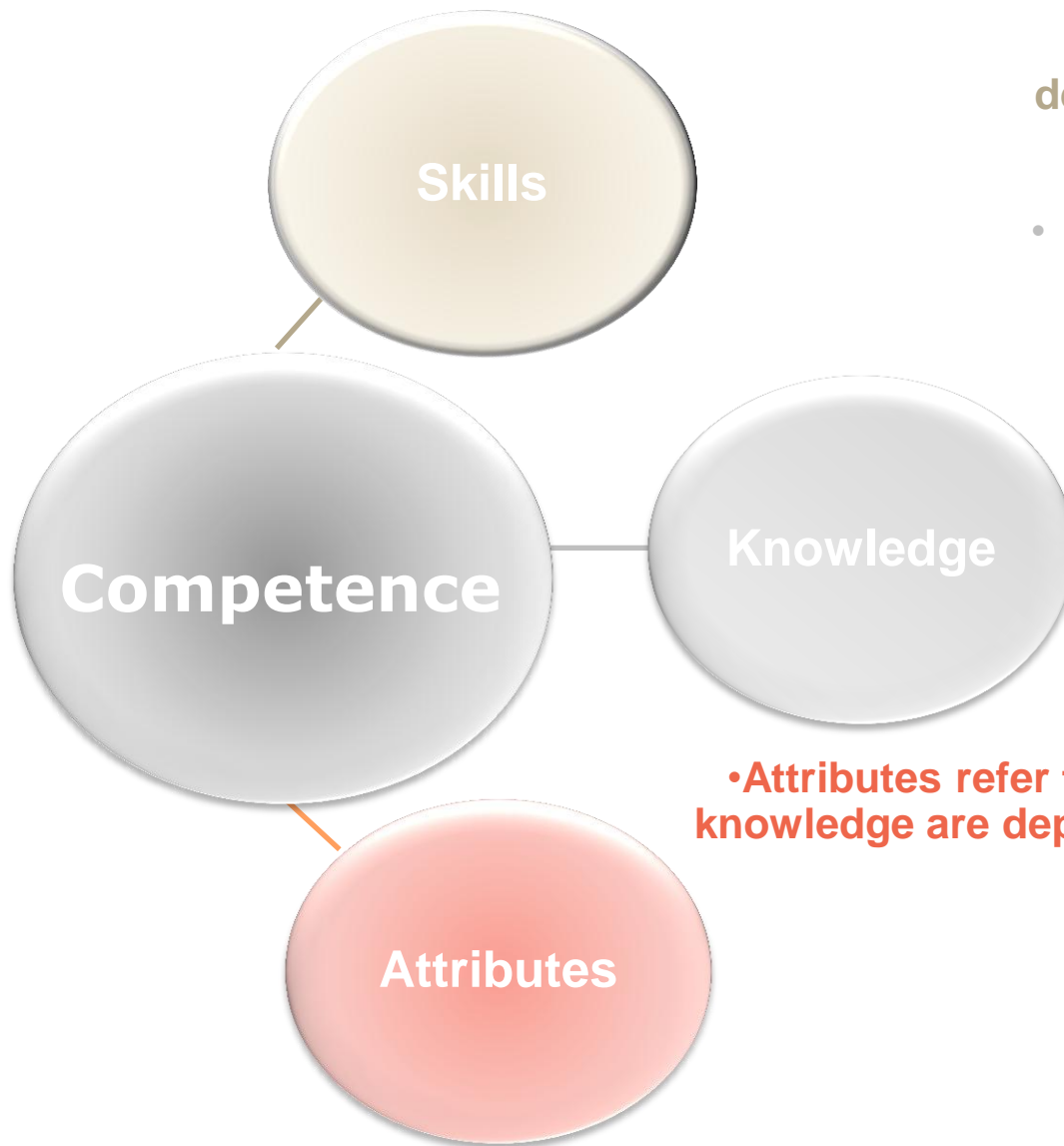
Basic Common Induction

The Nuclear Skills Passport recording nationally recognised skills and training throughout the skills pyramid



Demonstrating Excellence in Skills for the Nuclear Industry

Development of a Competency Management System



- Skills require learning and development over a sustained period.

- Knowledge is specific to the area or work

Fact Based Knowledge:
Technological/System design based knowledge.

- Client based knowledge

- Behavioural knowledge (Cultural knowledge)

- Attributes refer to the way in which skills and knowledge are deployed and are closely related to behaviours.

- Interpersonal

- Leadership:

- Cultural

- Technical

Certificate of Nuclear Professionalism



Next Steps?

- Submitted a proposal to Euratom FP7 with UCLan, Tecnatom, ISAR and VUJE to review the potential development and use of Skills Passports across Europe
- Development of a Nuclear Industry shared learning portal
- Implementation and roll out of the Human Performance Practitioner Standards developed and agreed with INPO

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