



NIRAB update

UK Nuclear Academics Meeting
September 14th 2016, Bristol

Gordon Bryan



Funds allocated



SPENDING REVIEW AND
AUTUMN STATEMENT 2015

Presented to Parliament by
the Chancellor of the Exchequer
by Command of Her Majesty

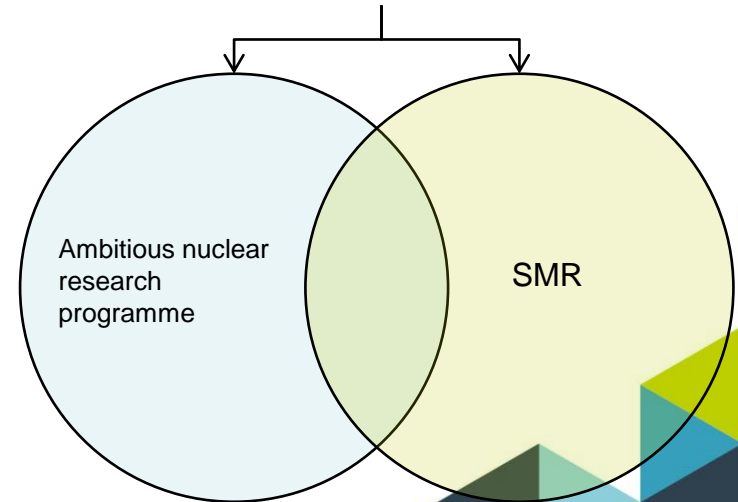
November 2015

Cm 9162



...invest at least £250m
over the next 5 years in an
ambitious programme of
nuclear R&D...

£250M

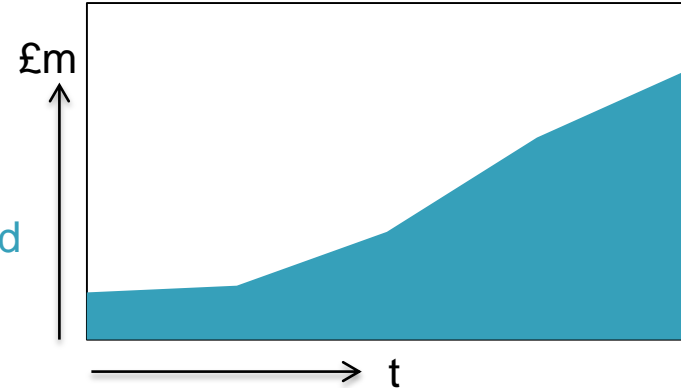


Recommendations published, prioritised and shared



Recommendations for research in 5 areas

- Strategic toolkit
- Fuel fabrication
- Advanced manufacturing and materials
- Reactor design
- Recycling and waste management



Nuclear R&D stakeholder event May 16th

<https://connect.innovateuk.org/web/nuclear/article-view/-/blogs/materials-available-from-nuclear-r-d-stakeholder-event>

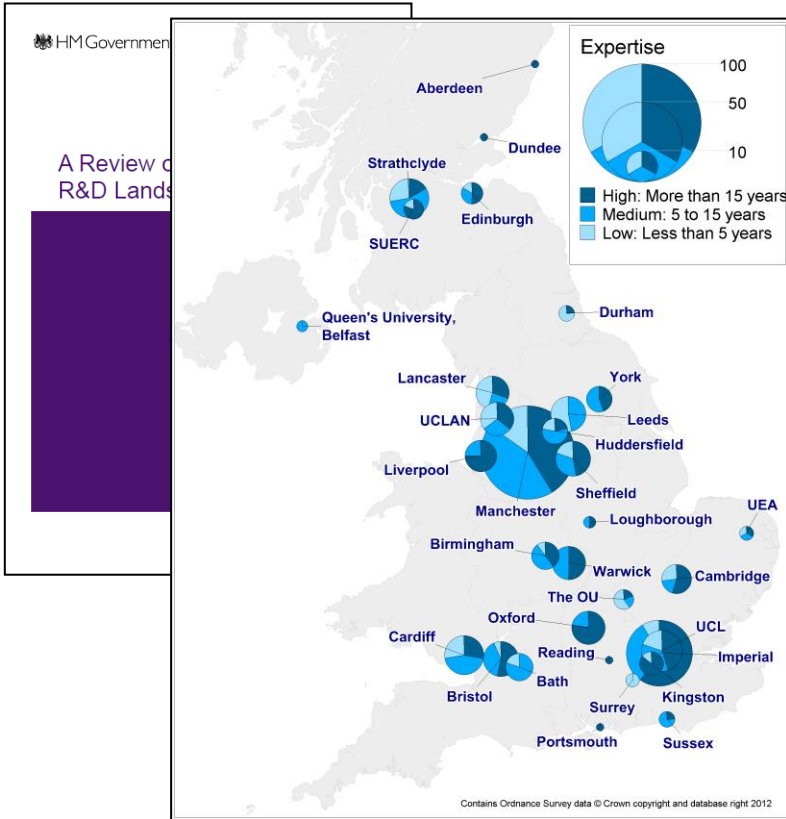
Looking forward (final report)

NIRAB final report – final opportunity to advise Ministers

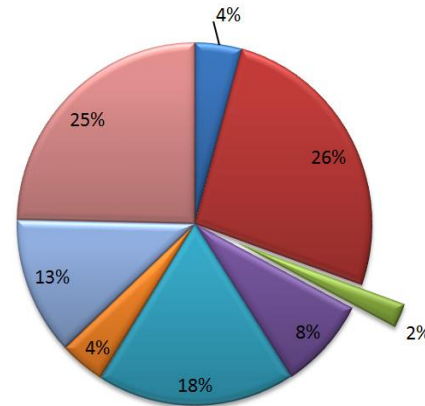
- What advice has been offered and what action taken?
 - Research programmes commissioned?
- How has the research landscape changed in the last 3 years?
- What remains to be done?
 - Oversight of research programmes
 - Value of independent advice



Looking forward (landscape update)



- Level of funding for civil nuclear R&D
- Distribution of funding by topic
- Number and distribution of active researchers



Fission technologies:

- 1- fuel fabrication
- 2- reactors
- 2a. Advanced reactor systems (Gen IV, molten salt etc.)
- 3- spent fuel handling
- 4-waste
- 5-decommissioning
- Fusion
- Cross-cutting technologies

Questionnaires distributed
– please respond