

Science and Innovation 10 Year Investment Framework: OST Perspective

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The Government's Vision for Science

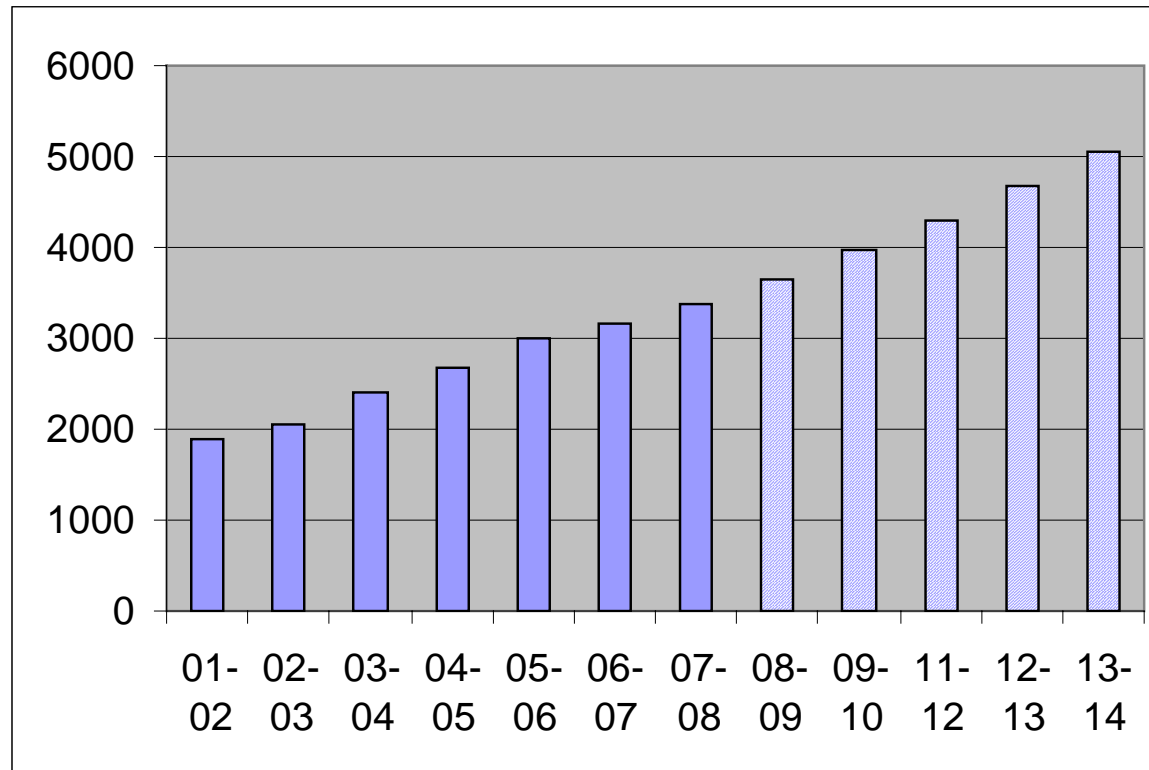
Science and Innovation Investment Framework

“To make Britain one of the most competitive locations for science, research and development and for innovation”

“To show the science community the Government's commitment to the future of British Science”

Gordon Brown, March 2004

Science Budget (£m)



R&D in Relation to GDP

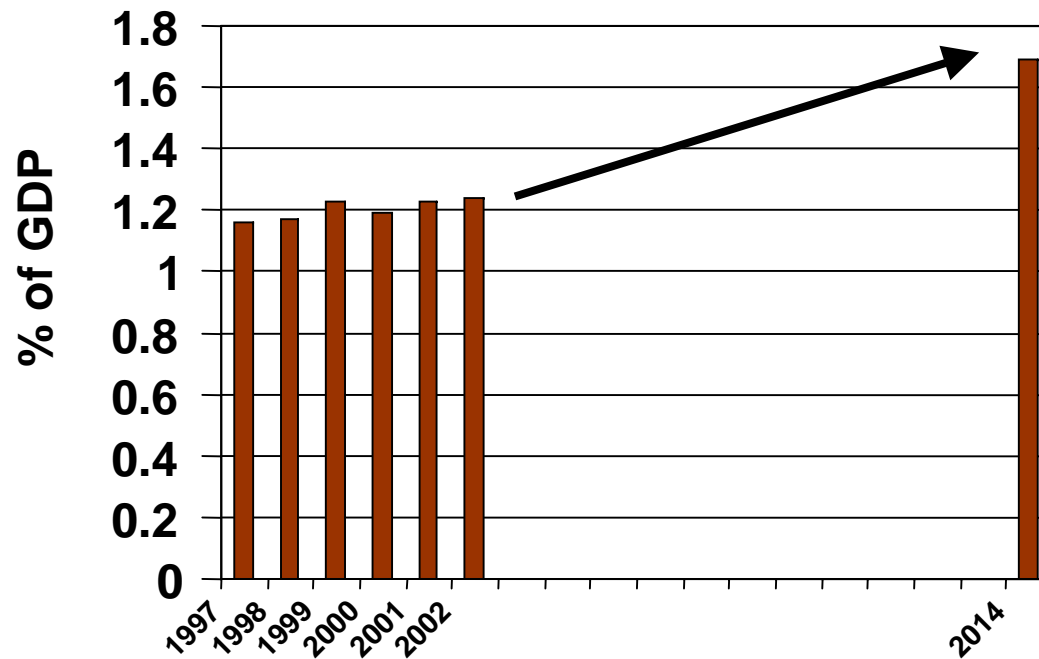
	R&D investment as percentage of GDP	
	2004	2014
Science Base	0.35	0.5
Other Government R&D	0.31	0.3
Private sector	1.24 ⁴	1.7
UK total	1.90	2.5

Science & innovation investment framework, July 2004

UK Business R&D

Now ...
(5th in G7)

10 years time...
(1.2% to 1.7% of GDP)



Spending Review 2004: Science Budget

- 5.6% annual real growth in Science Budget
- £15m new money, including:
 - £38m extra for knowledge transfer (HEIF)
 - £80m extra for sustainability (FEC)
 - £80m extra for RC Institute infrastructure
 - £85m extra for research careers
 - £35m strategic fund/health of disciplines
 - SRIF to continue at £500m pa.
- on top of £338m extra due in 05-06 from previous settlement

Key Aims

- Research excellence
- Greater responsiveness of the system
- Improving knowledge transfer to support increased business R&D
- Sustainable universities and laboratories
- Stronger take up of SET subjects
- Increase public confidence

Research Excellence

- World class research from biomedical sciences to arts and humanities
- Emphasis on infrastructure, careers and UK as an attractive location to invest
- Attention to health of disciplines

Improving Knowledge Transfer

- Probably the most challenging
- Part of the overall innovation strategy
- Requires coherent approach:
 - Science Budget, DTI Innovation Group and Higher Education Innovation Fund (i.e. David Hughes and Howard Newby)
- OGDs have important role to play

Sustainable Universities

- Key policy initiative since Dearing
- Not very sexy, but essential
- 100% Full Economic Costs by beginning of the next decade
- All relevant direct project costs including element of academic salaries
- Dual support QR funds also growing

Public Confidence

- New impetus to be given to public engagement - key role for Research Councils
- Needs to be joined-up
- Particular focus on new and emerging technologies

Challenges

- For Government – delivery
- For Business – increased R&D
- For all – to bring the public with us

“The future of the British economy depends on the future of British science”

Gordon Brown, July 2004