



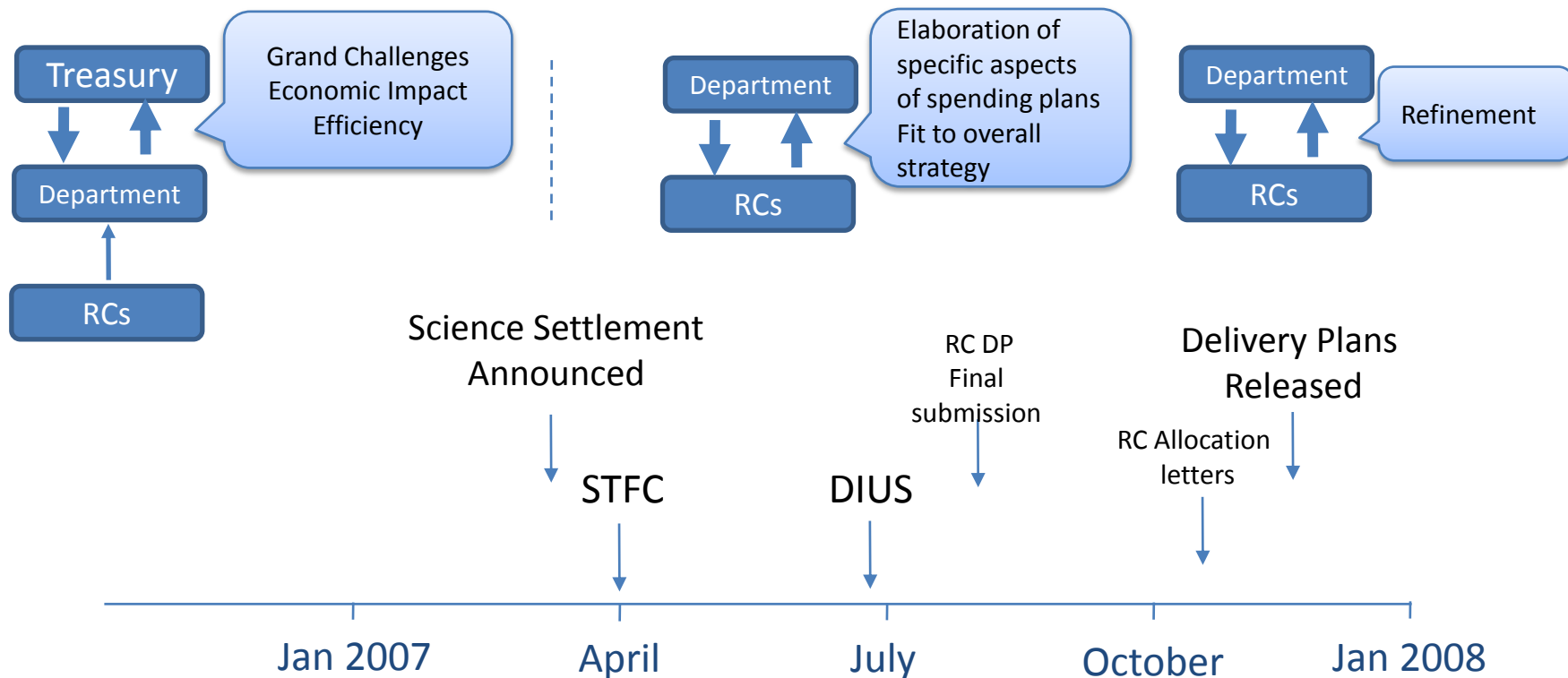
Haldane Principle

- Science decisions devolved to the Research Councils
- However, government sets overall strategy and funding levels
- Two edged-sword
 - Freedom to choose on scientific merit
 - But, can't bid directly to government for specific projects/activities, unlike for example USA



Spending Review Process

Activity





CSR Outcome

- For Science overall, +5% per annum
 - Very good in a tough spending round
- Rough ‘algorithm’ for distributing settlement to all research councils:
 - (Flat_Cash + FEC + Cross_Council + earmarked) + Capital + Non-Cash
- *(note on Government accounting)*
 - *Near cash* : *Normal ‘programme’, grants etc*
 - *Capital* : *Capital items*
 - *Non Cash* : *Depreciation of assets*
 - *Need to balance out-turn each year against each category)*
- For **STFC**
 - (Flat Cash + FEC + SRS Closure costs) + Capital + Non-Cash
- Science Board Minutes (prior to allocation) refer to ‘£40m negative legacy’
 - Known to CCLRC & DTI/OSI
 - Largest component was SRS Closure costs (£28.5m) specifically earmarked in allocation



CSR Allocation

	£m 2007/08 Year 3 of old SR	£m 2010/11 Year 3 of CSR	Change
Non-Cash	75.4	114.9	52.4%
Capital	97.4	103.9	6.8%
Near-Cash	400.6	432.7	8.0%
Total	573.4	651.6	13.6%

Note: Non-Cash important! Any shortfall in non-cash would have to be covered by near-cash.



Near Cash

	£m 2007/08 Year 3 of old SR	£m 2010/11 Year 3 of CSR	Change
Near Cash	400.6	432.7	8.0%
Less FEC		-21.5	
Revised	400.6	411.2	2.6%

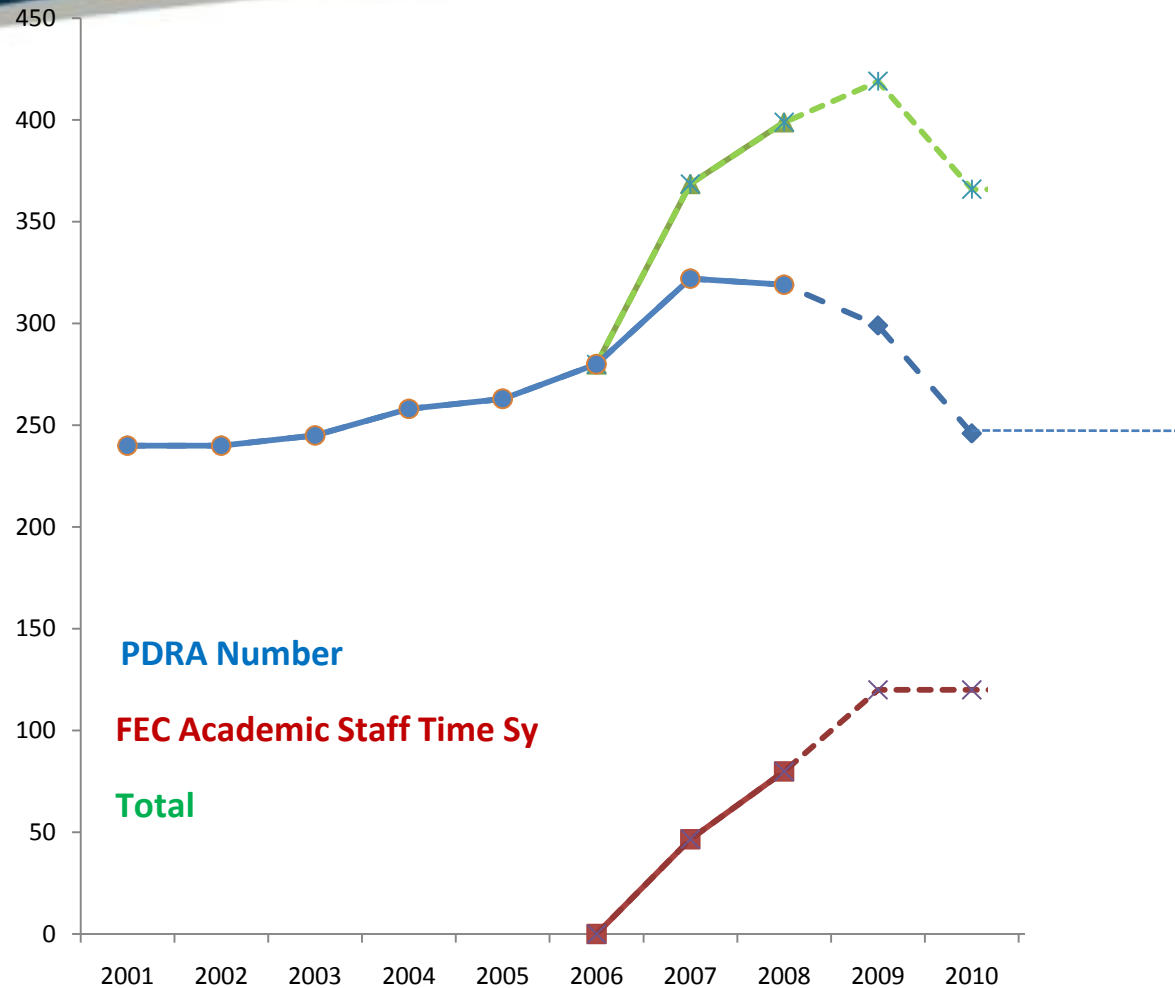


Constraints on programme

- ‘£80m shortfall’: to first order is the difference between *constant volume* and *constant cash*
 - Amount by which buying power shrinks due to inflation
- ‘New money’ going to FEC + earmarked activities (e.g. MRC technology translation, SRS closure)

Common Questions:

- Is STFC programme singled out for hit?
 - NO. Other RCs also have to cope with similar issues
- Is Astronomy/Particle Physics singled out?
 - NO. Flat-cash in old PPARC would have produced similar constraints
- What about running costs of Diamond/ISIS TS2?
 - Ex-CCLRC programme will be shrunk to accommodate this and inflation
 - This is the reason for redundancies at STFC labs!
- Will Campus development siphon money off the programme?
 - NO: Campuses will be developed using private investment, regional investment and LFCF
 - Should leverage resources/capability *into* the programme
- Will Campuses compete with universities?
 - NO: Campuses will add value to UK PLC, including universities, and give them major scope to be more effective



Astronomy Grants Research Posts



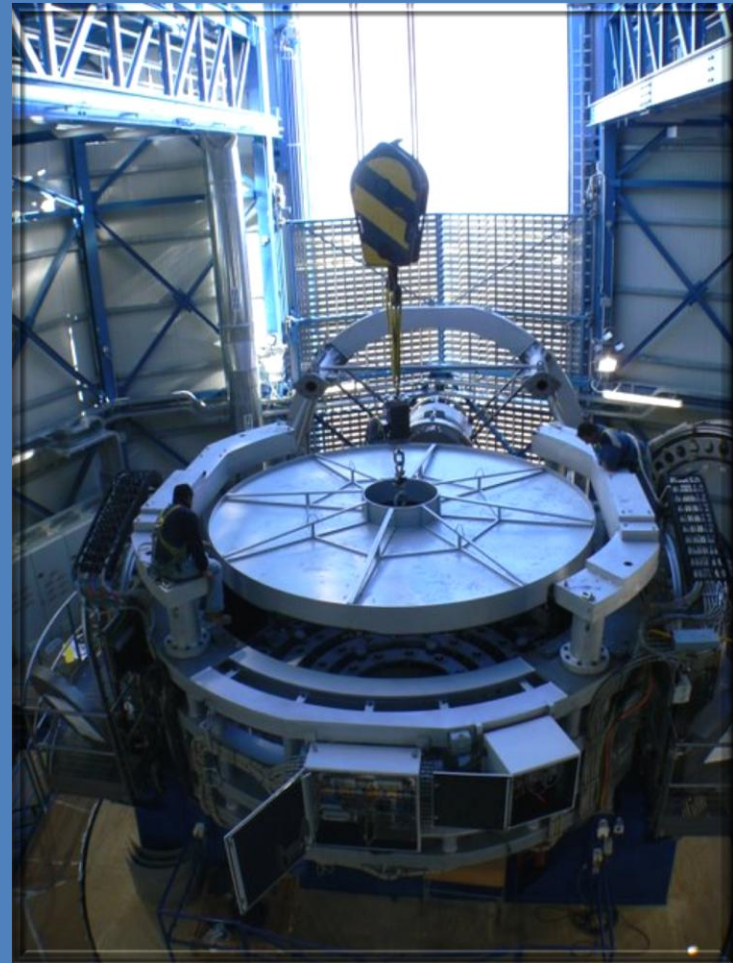
Future Astronomy Programme

- Remains very healthy e.g.:
- Ground-based
 - VLTs
 - Gemini
 - Liverpool Telescope
 - GTC
 - Vista
 - ALMA
 - JCMT + Scuba 2
 - eMerlin
 - SKA
 - Clover
 - Advanced Ligo/Geo 600
 - +
- Space
 - Herschel
 - Planck
 - JWST
 - GAIA
 - Solar Orbiter
 - Aurora
 - + existing assets
- Continue investment in Theory
- Maintain investment in Studentships & Fellowships



2008 March 29

Vista: Primary Mirror Installation





2008 April 2

Scuba 2 arrives at JCMT

