



Repositories overview: Policies and implementation:

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Some statistics

- Awareness of Open Access is increasing amongst scholars in all disciplines
- The number of repositories has increased at an average of 1 per day over the last year
- The rate of increase is rising

A few more statistics

- There are circa 800 repositories globally
- There are 32 documented policies
- There are 10 mandates

Here's the problem...

- Only 15% of research articles are spontaneously self-archived
- The average number of postprints self-archived in institutional repositories is **297**

Policies, mandates

- There is a difference
- Both are being developed at institutional, national and even international level
- One is sometimes effective, the other always is

Third component: advocacy

- Sometimes in the absence of either a policy or mandate; sometimes alongside these
- Advocacy – sustained and organised
- Advocacy - opportunistic

Policies

- An almost-mandate from the DFG, Germany
- An almost-mandate from the FWF, Austria
- Dutch policy for the universities in the DARE network
- Exhortations and encouragements from public research funders in Finland, USA
- National policy being developed in Sweden (?)
- Developments in Australia, Canada, etc

Mandates

- **Proposed mandates:** public funders (Canada, Australia, S.Africa, Ukraine, USA and EU)
- **Real mandates:**
 - Wellcome Trust
 - RCUK (Research Councils UK)

USA

- **NIH:** Strengthening now very likely
Require not request
- **CURES:** 6-month delay to provide OA permitted but **deposit** must be at **acceptance**
- **FRPAA:** Mandatory deposit: all research funded by the largest agencies

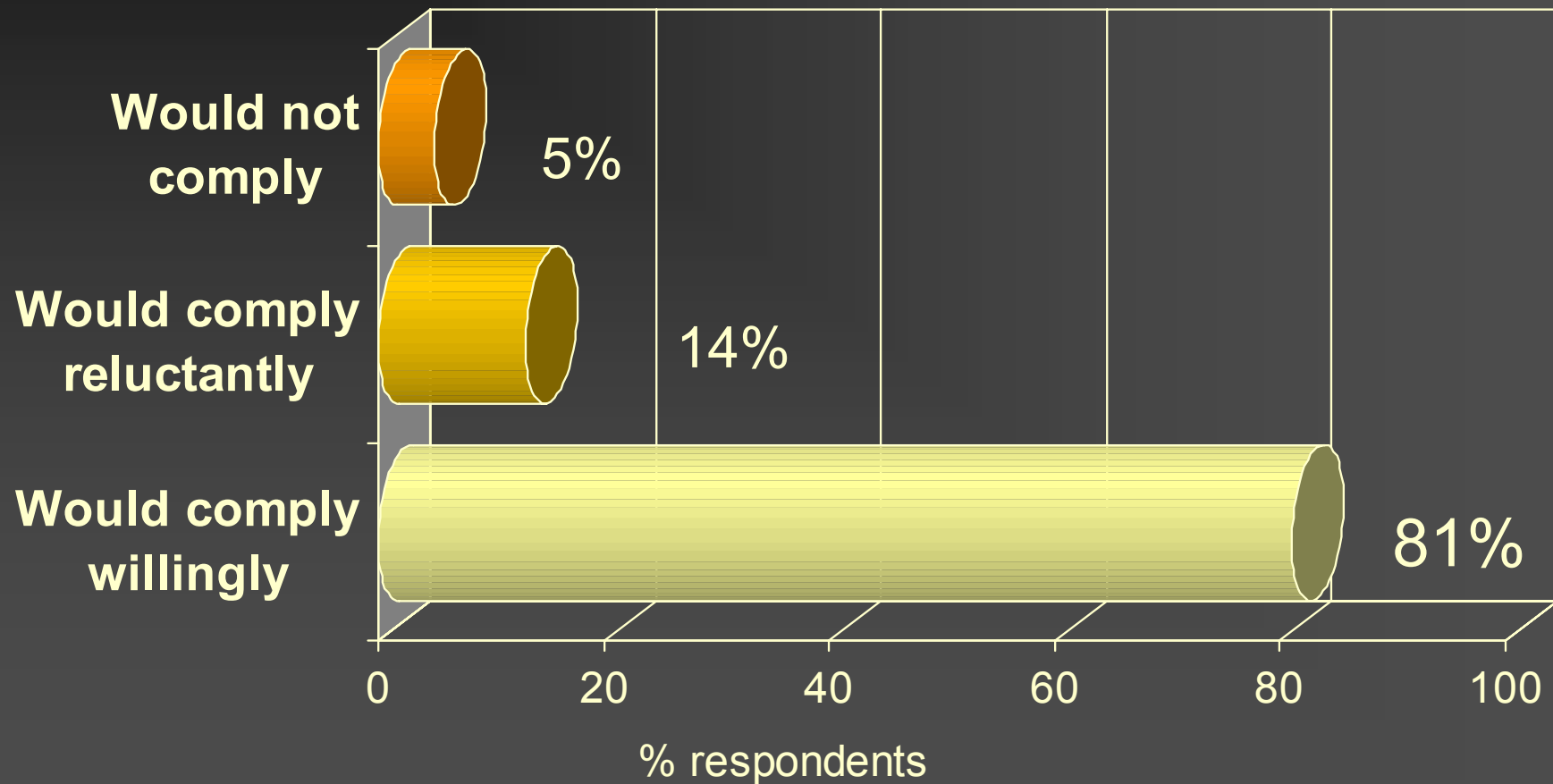
UK

- Wellcome Trust (\$750m)
 - Research Councils UK
- 4 out of 8 have a mandate
and 1 has a strong
encouragement

Funder / institutional policies and mandates

	Policies	Mandates
Funders	8	4
Institutional repositories	24	6

Author readiness to comply with a mandate



Case study I: ECS, Southampton

- School of Electronics & Computer Science, University of Southampton
- Mandate early 2003
- Sanctioned in the sense that assessment is based upon repository content
- It works



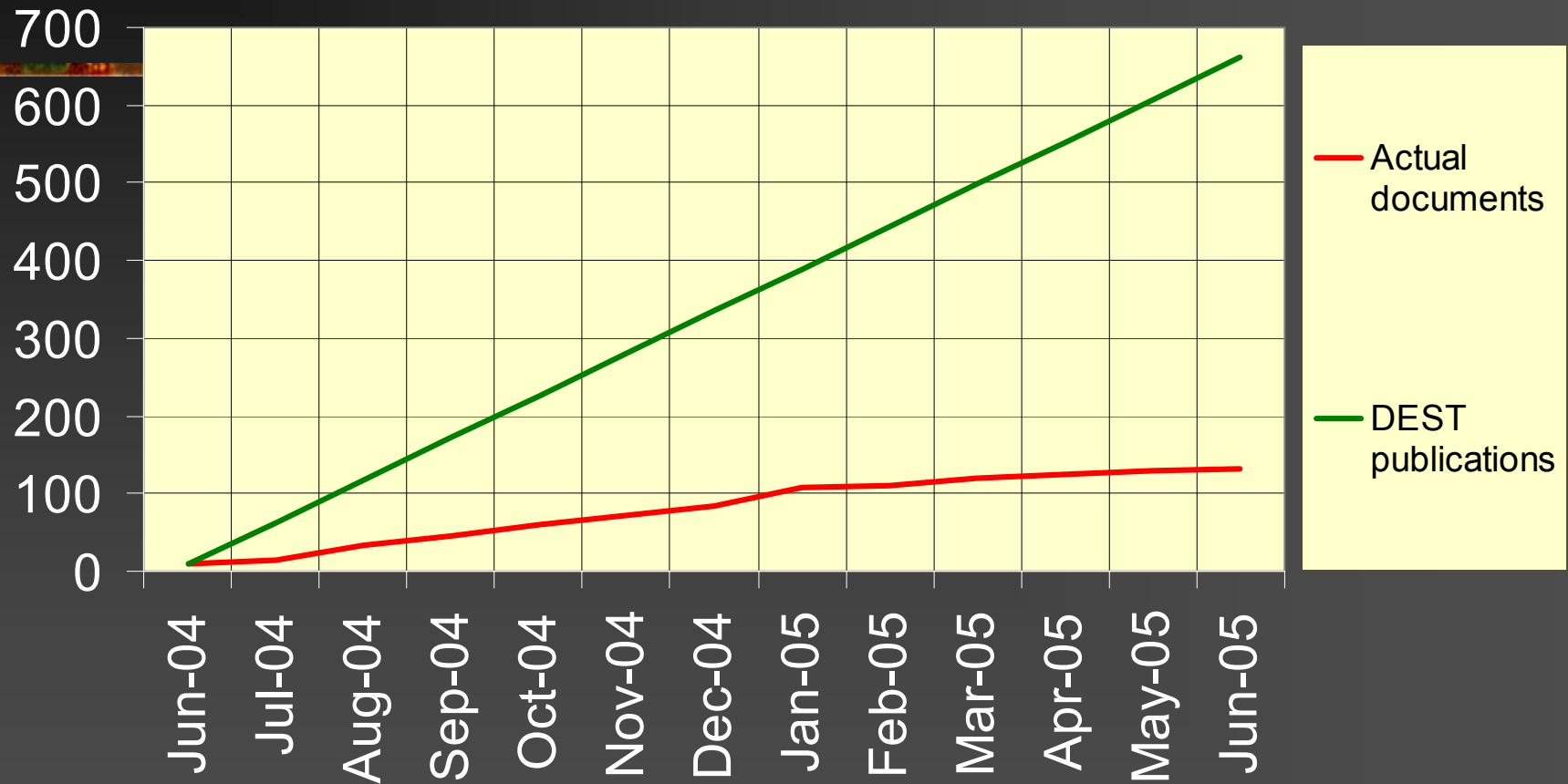
Case study II: QUT

- QUT, Brisbane
- Mandate introduced by DVC Tom Cochrane at the beginning of 2004
- Not sanctioned, but supported by vigorous and sympathetic library advocacy



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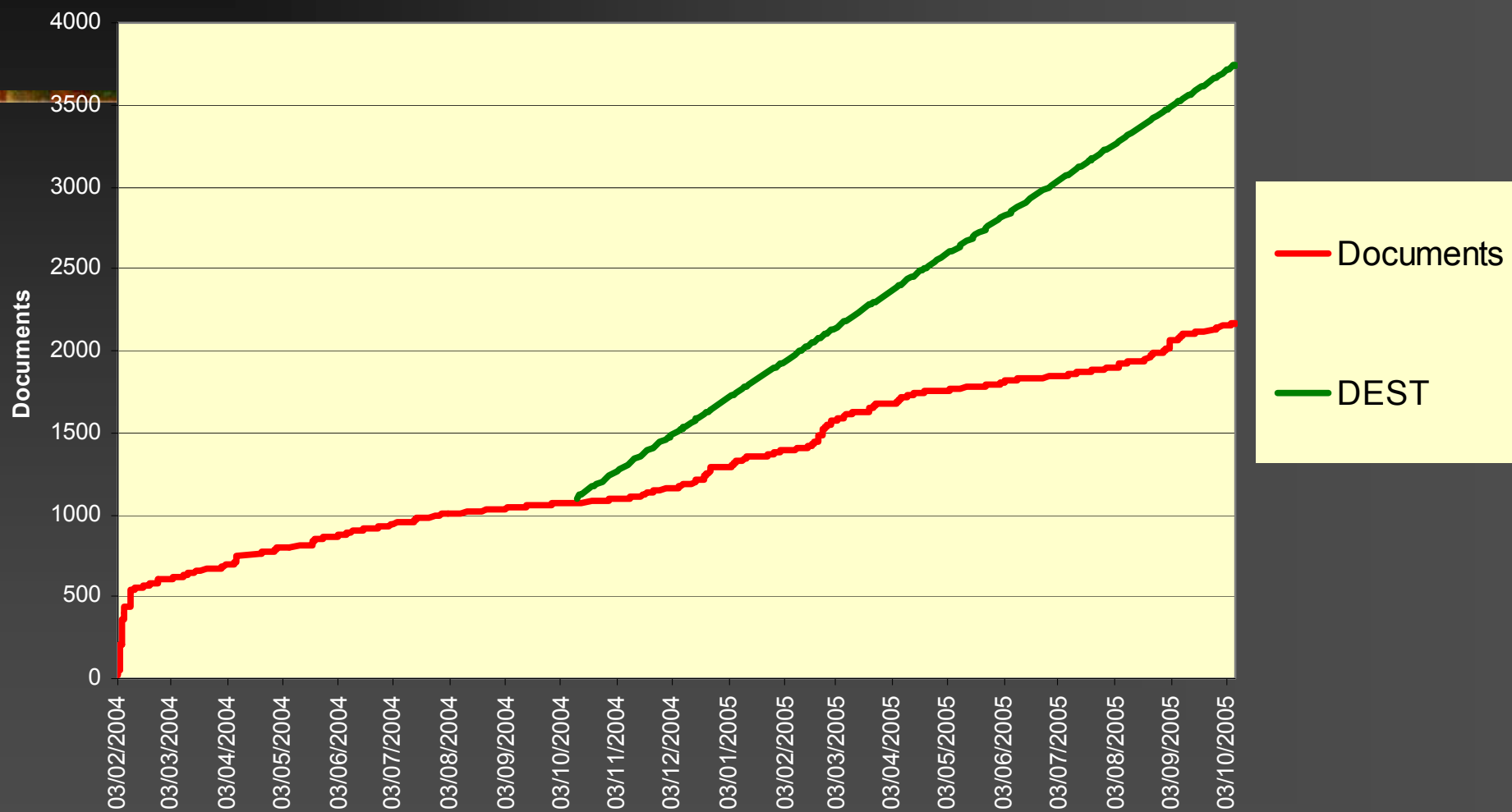
University of Tasmania



Data courtesy of Arthur Sale

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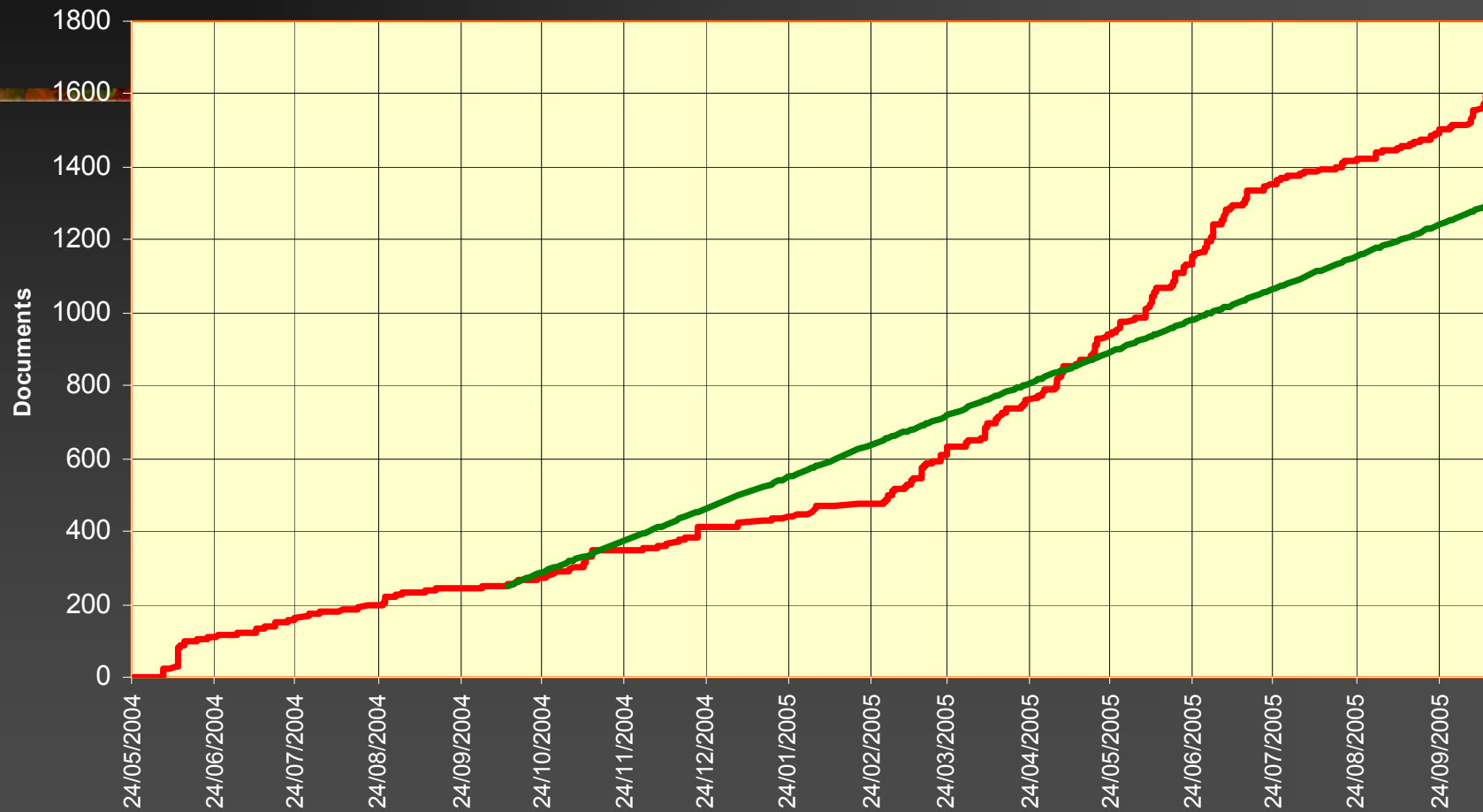
University of Queensland



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Queensland University of Technology



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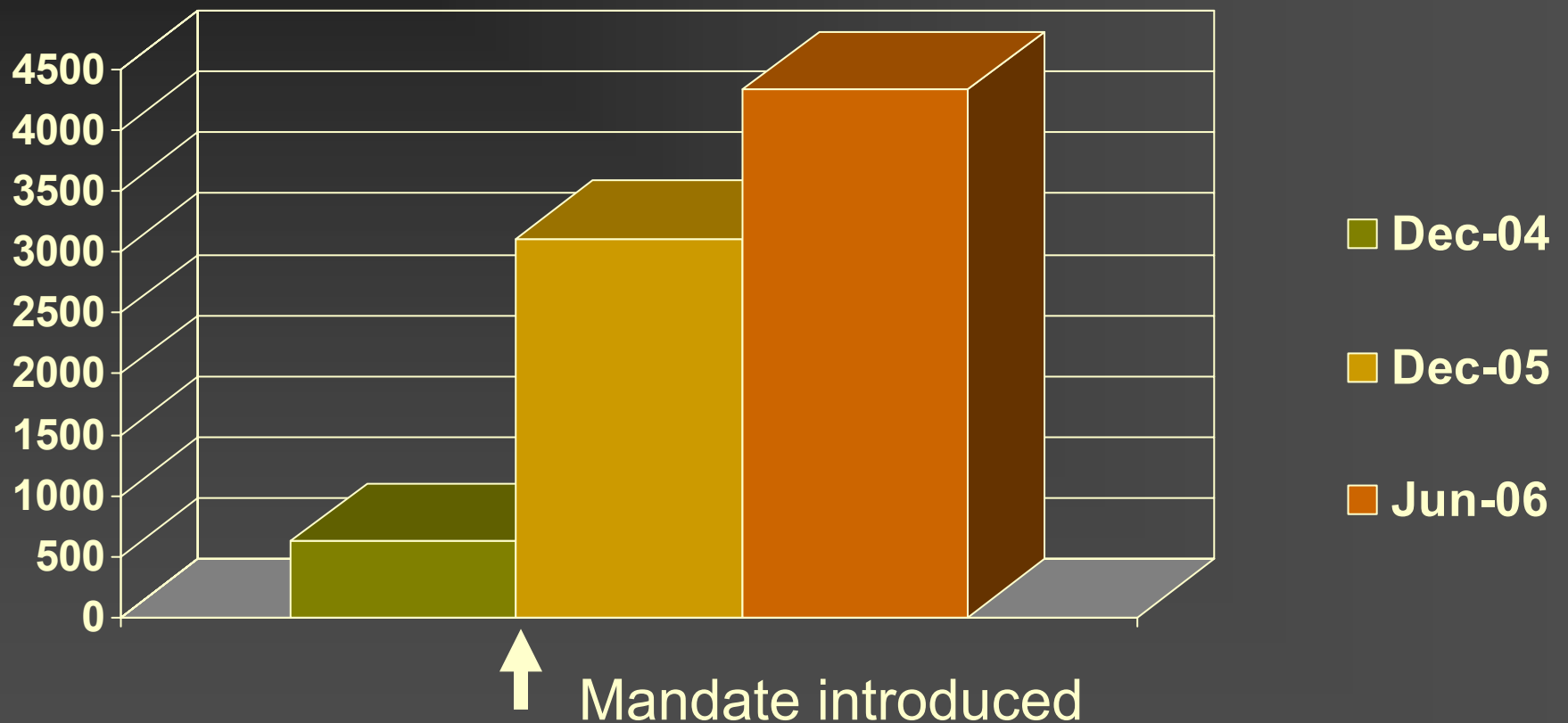
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Case study III: Minho University

- Minho University, Braga, Portugal
- Repository established 2003
- Mandate introduced 2005 when self-archiving rate dropped off
- Mandate backed by financial incentives paid to departments



Minho University repository



(Data courtesy of Eloy Rodrigues)

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Why Open Access

- Greater impact from scientific endeavour
- More rapid and more efficient progress of science
- Better assessment, better monitoring, better management of science
- Novel information-creation using new and advanced technologies

Mandate when?

- At acceptance for publication: the author's final version
- Mandate the deposit at that point
- Mandate OA to full-text unless there is a compelling reason against this
- If there is a compelling reason, mandate OA to metadata
- Mandate opening of full-text at 6 months
- The publisher's PDF can be added, or linked to, later

Mandate what?

- The author's final version
- In the native format
- Because text-mining and data-mining tools need to work on OA articles
- They work best on XML

What about PDF?

- John Wilbanks
(Science Commons):

“Scraping is the right word, because having to work with PDF is really scraping the bottom of the barrel.”



What about PDF?

- Clifford Lynch
(CNI):

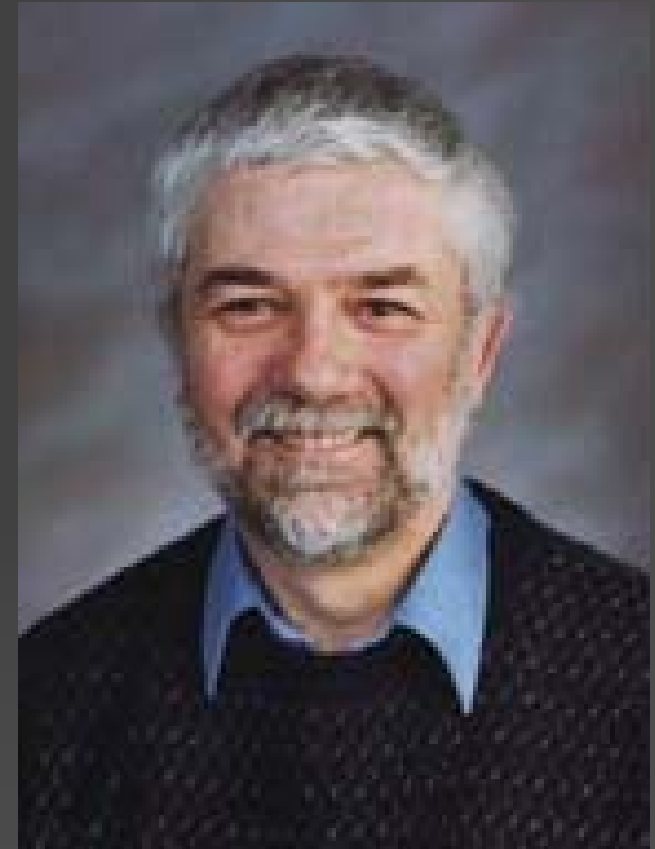
“PDF is evil”



What about PDF?

- Peter Murray-Rust
(Cambridge):

“Getting to XML from PDF is like starting with the burger and trying to get back to the cow.”



Summary

- Policies nice but largely ineffectual
- Mandates work and so increasing
- Deposit at acceptance:
 - Open metadata immediately
 - Open full-text later if necessary
- Deposit author's final version; add published version later if desired

Thank you for listening

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