

UKIRT 30th Anniversary Summary

16th September 2009

Gary Davis, Director



Current Funding Status

PPARC Programmatic Review 2005/6

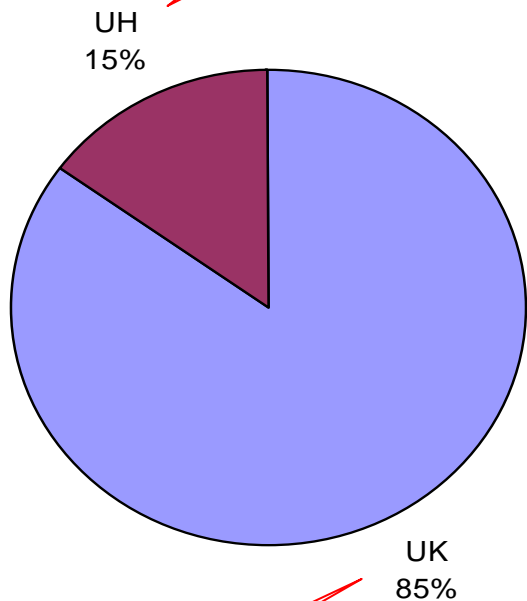
- find partners to share the cost of operating the telescope
- failing that, UKIRT will close in 2010

STFC Programmatic Review 2007/8

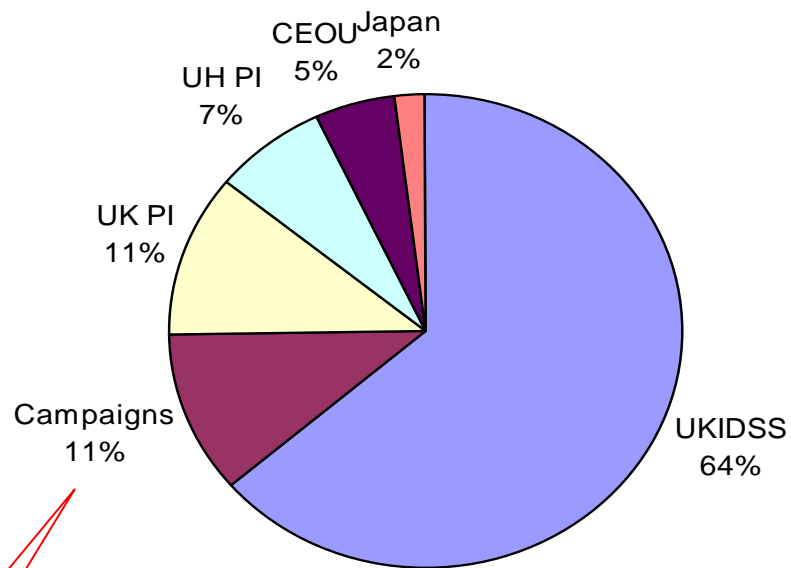
- process & original outcome
- Ward panel
- STFC are committed to operating UKIRT until mid-2012 in order to complete UKIDSS
- loss of Cassegrain mode
- Board review of science programme this autumn

Current Science Programme

50% UKIDSS

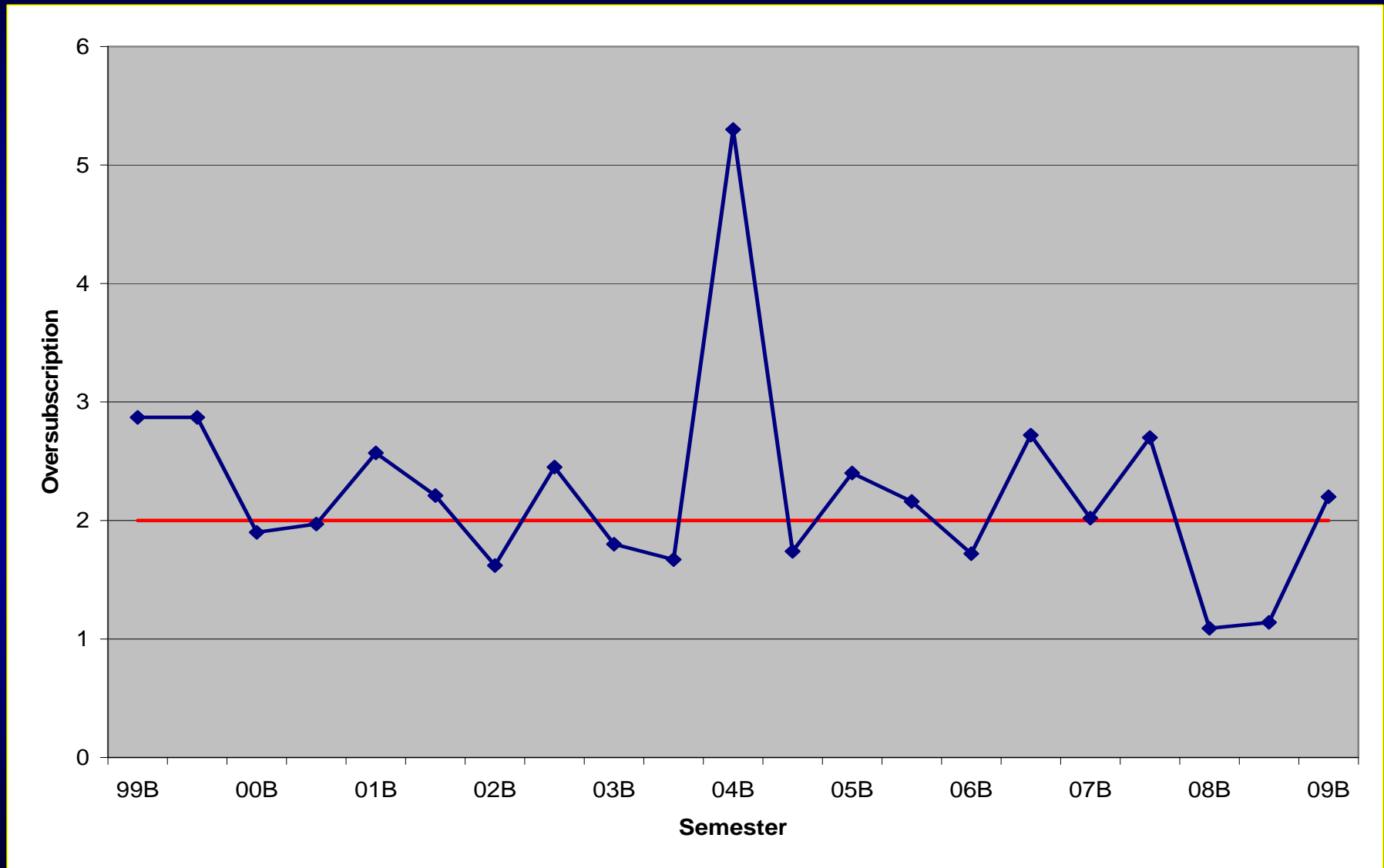


open

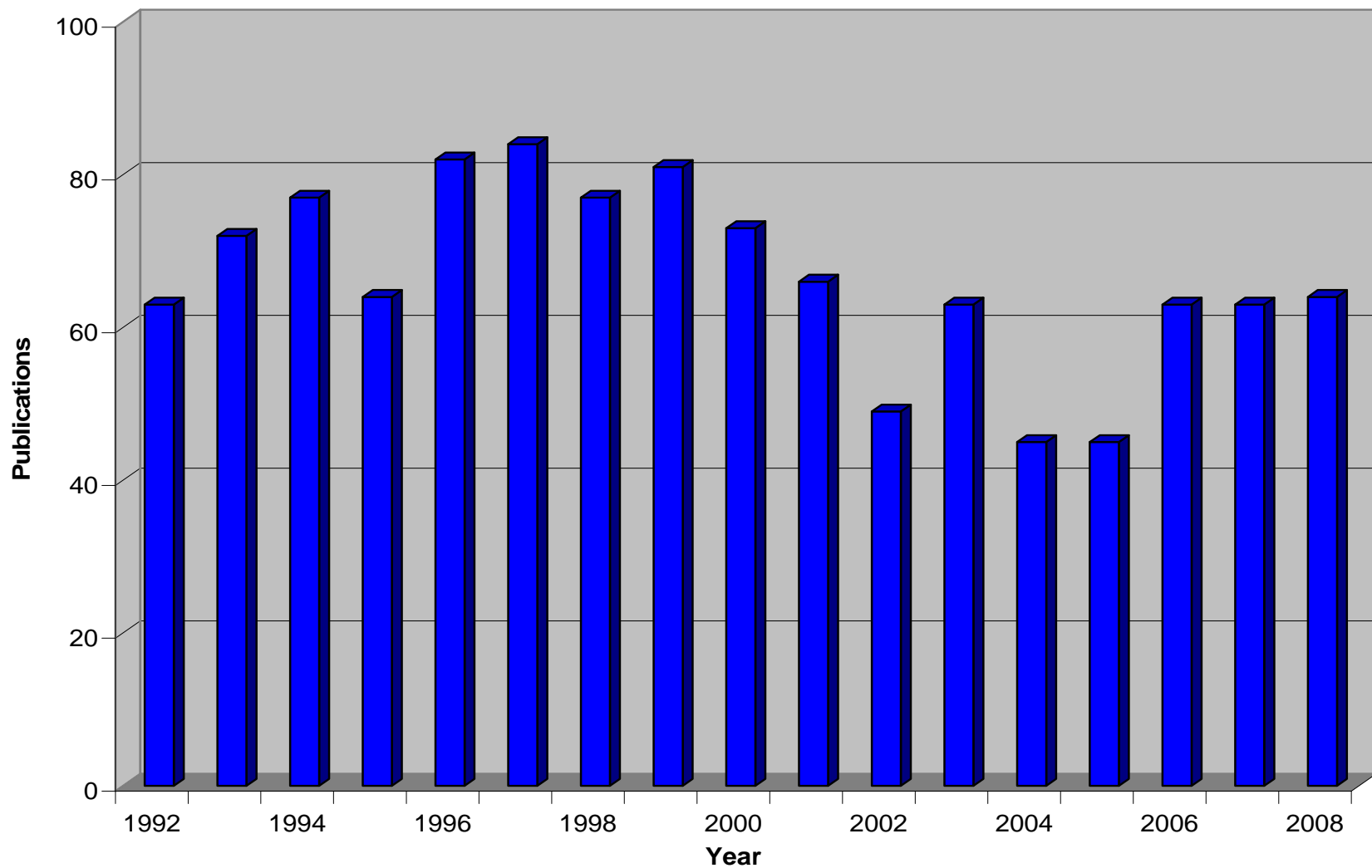


demand

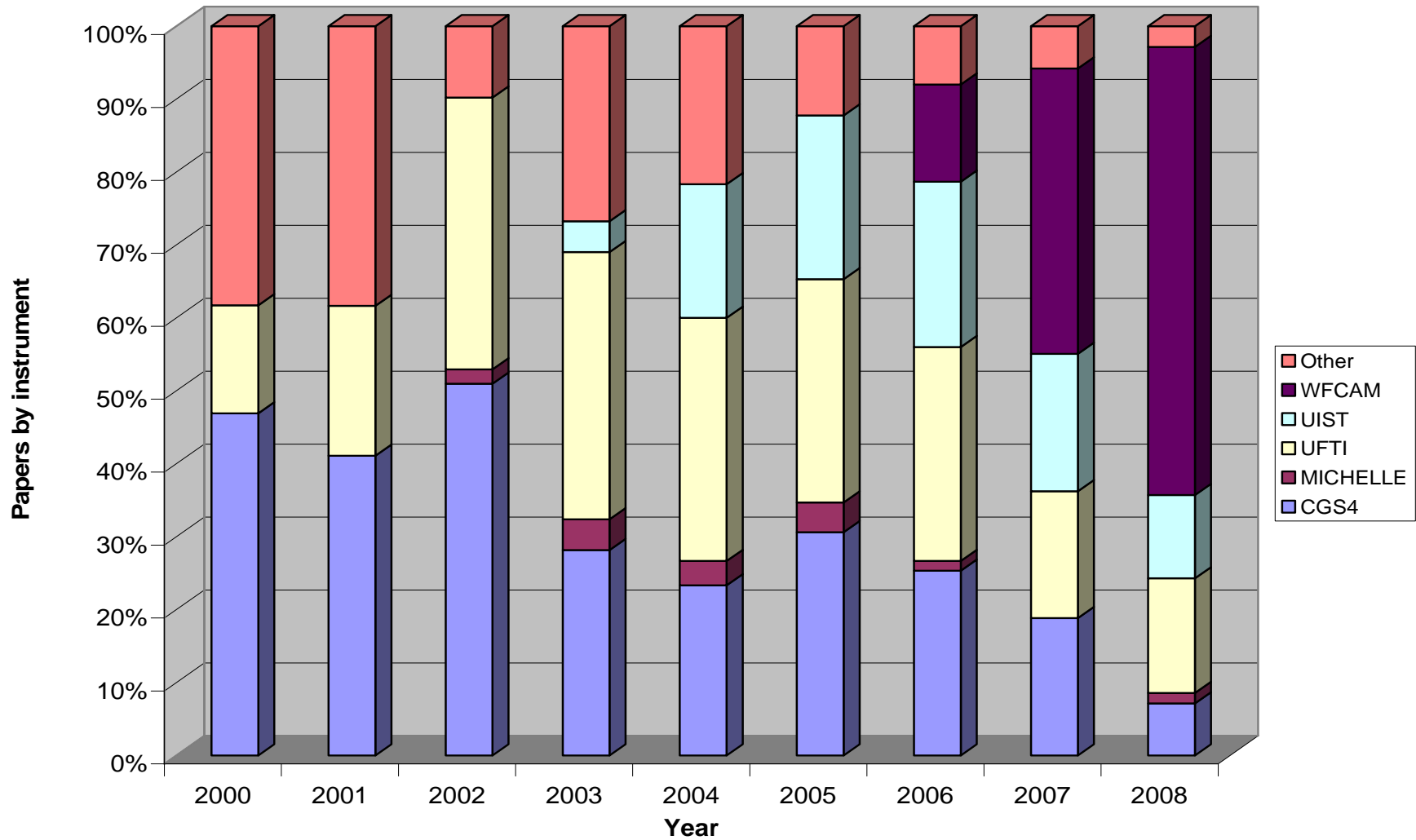
Subscription Rate



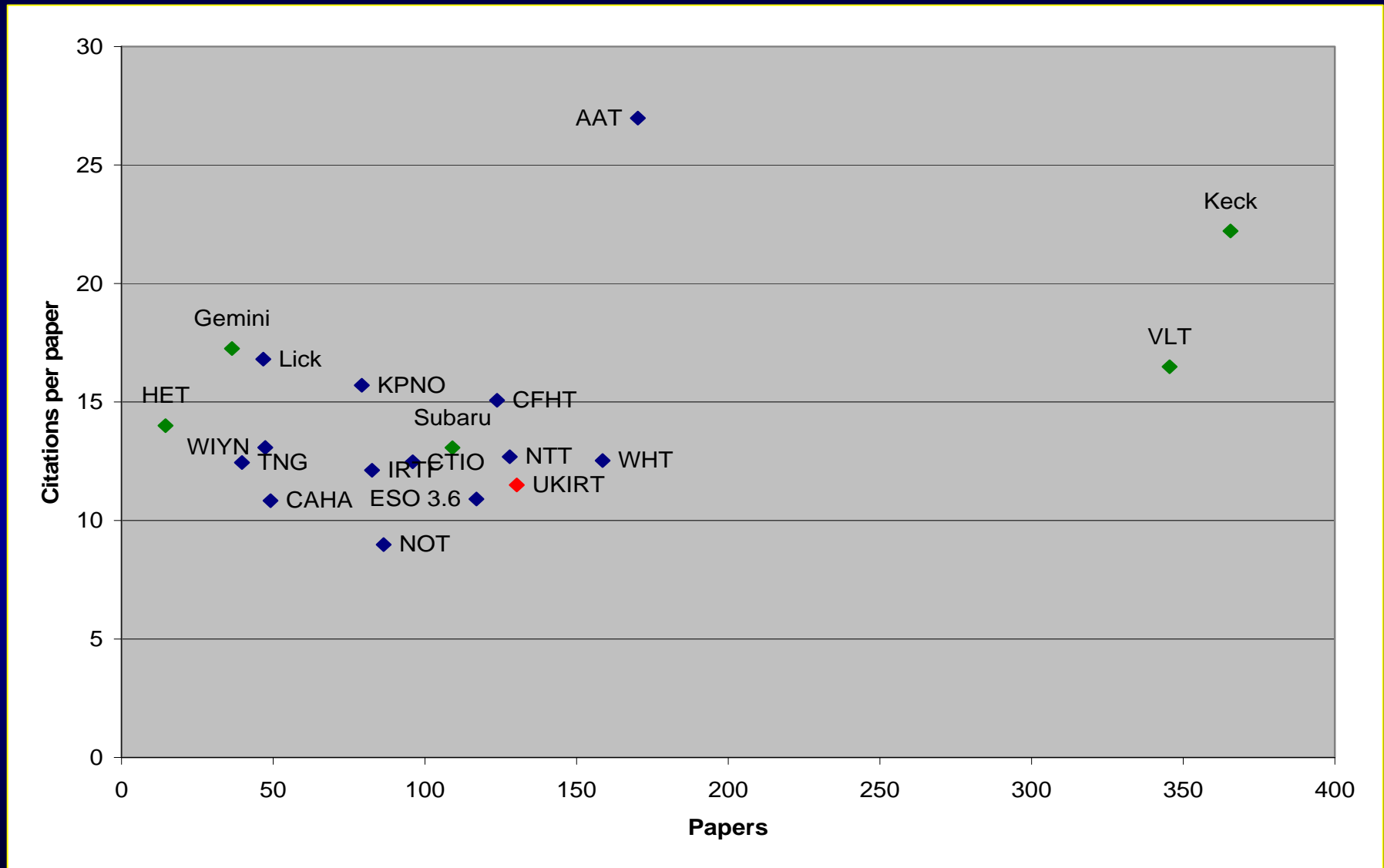
Publication Count



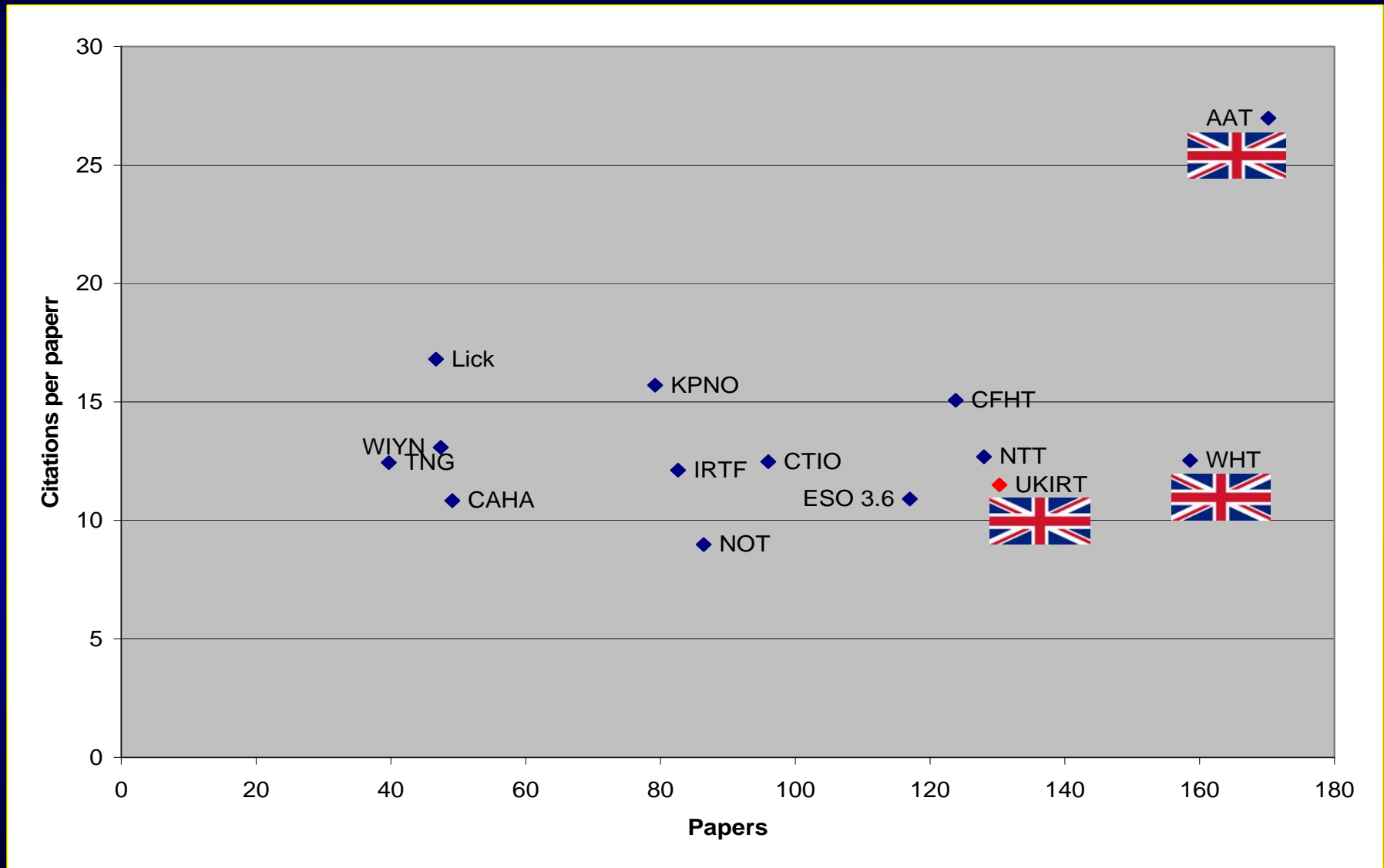
Publication Count



Trimble & Ceja (2008)



Trimble & Ceja (2008)



Science Programme Beyond 2012

Continued wide-field imaging with WFCAM

- UKIRT Hemisphere Survey (or something like it)
- interest from Pan-STARRS and JWST
- two potential instrument upgrades:
 - *use the focal plane more efficiently*
 - *add polarimetric capability*

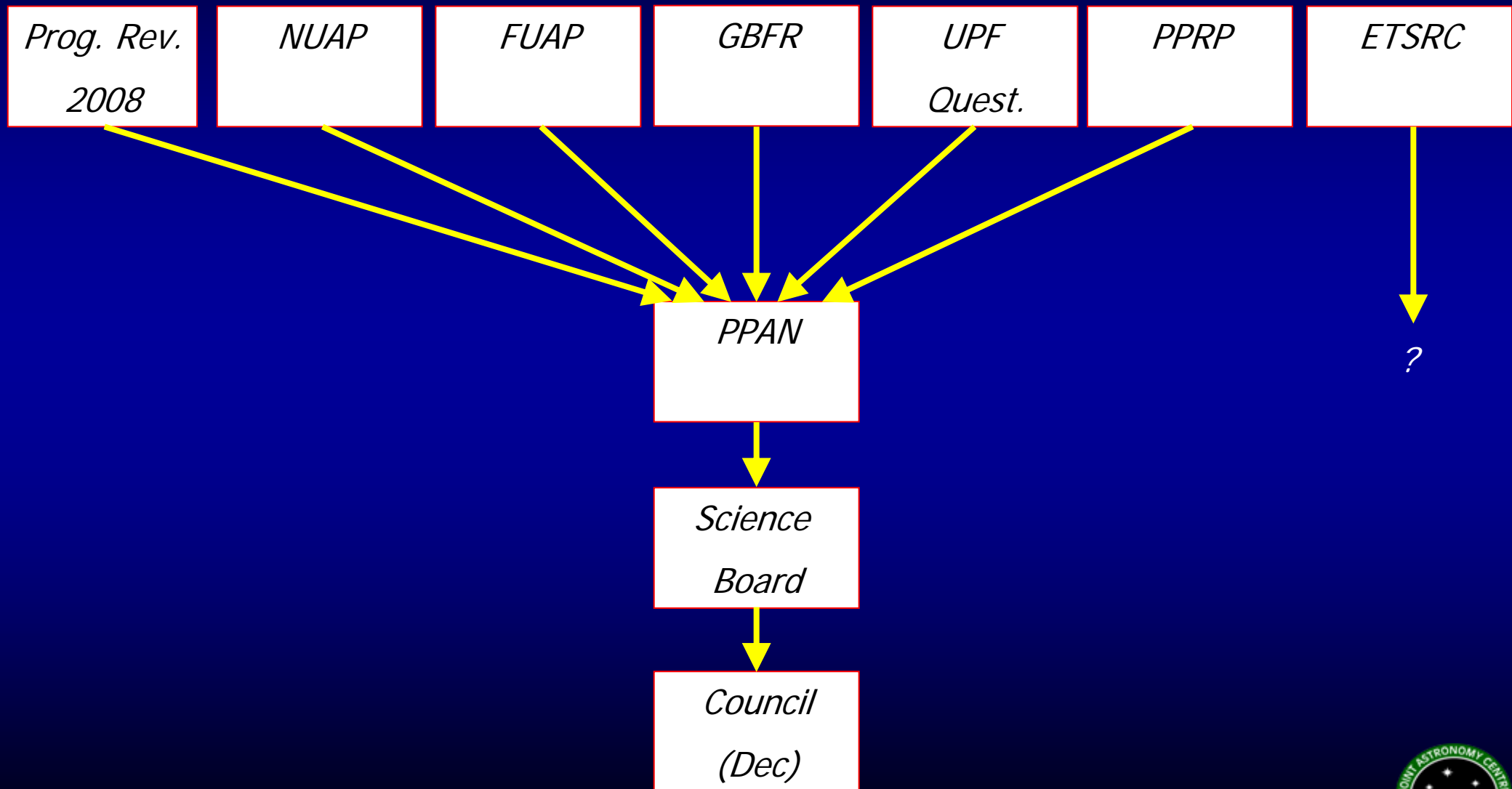
Planet-hunting survey with UPF

- instrument build 2010–12, survey 2013–17
- proposal currently before PPRP

...plus possibly a small amount of PATT time

Continued operation of UKIRT beyond 2012 rests entirely on the fate of the UPF proposal

Decision Process



UKIRT at 30: A British Success Story



