

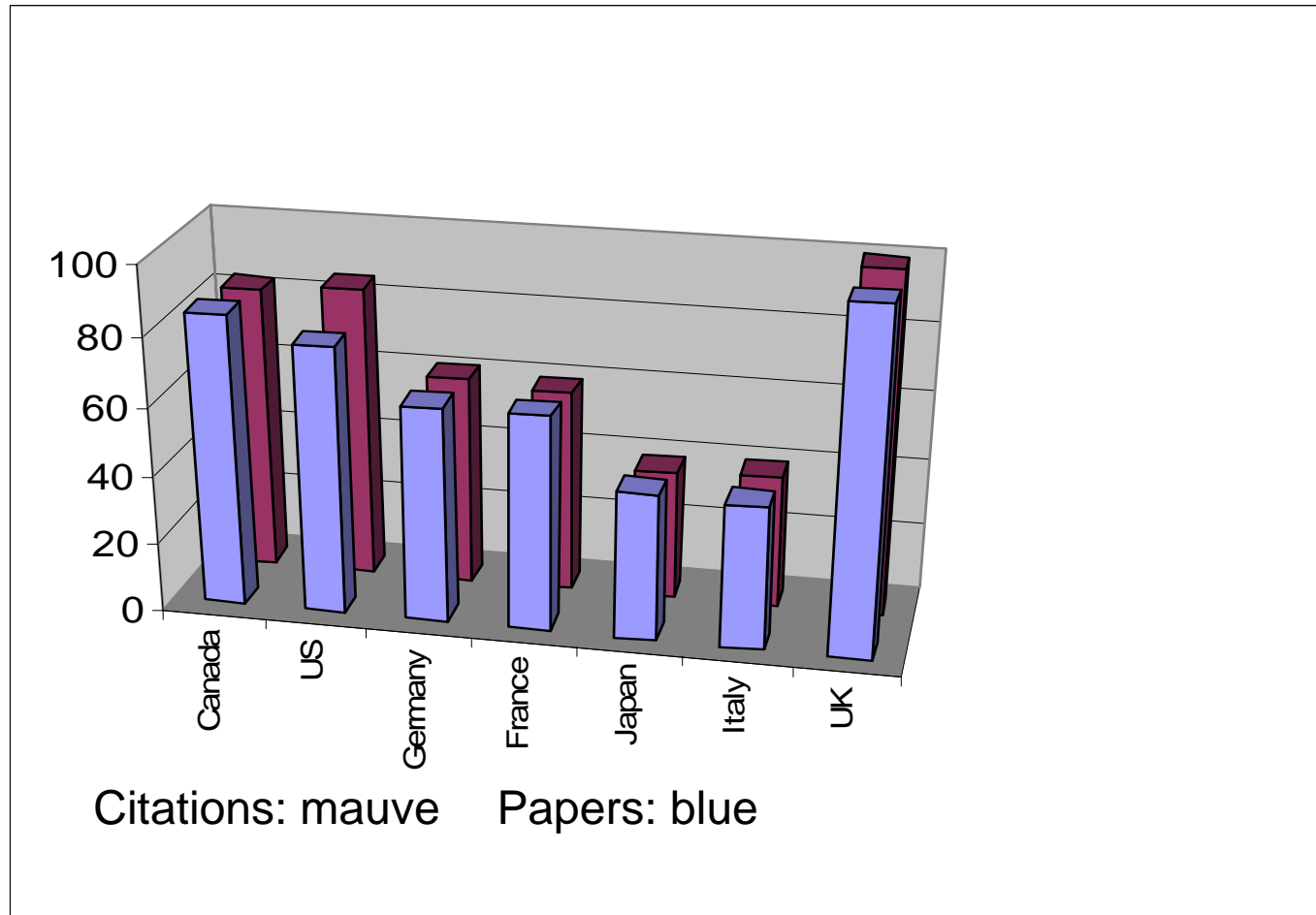
Valuing Technology - a Longer View

Elizabeth Garnsey

Newton's account book

“ the UK has a strong science base but lags in patenting and commercialisation.” Michael Porter

DTI Economics Paper No.3, 2003



G7 comparison 1997-2002; UK=100

http://www.socialvc.net/FileUpload/SROI_Guidelines_to_the_web.pdf

Elizabeth Garnsey

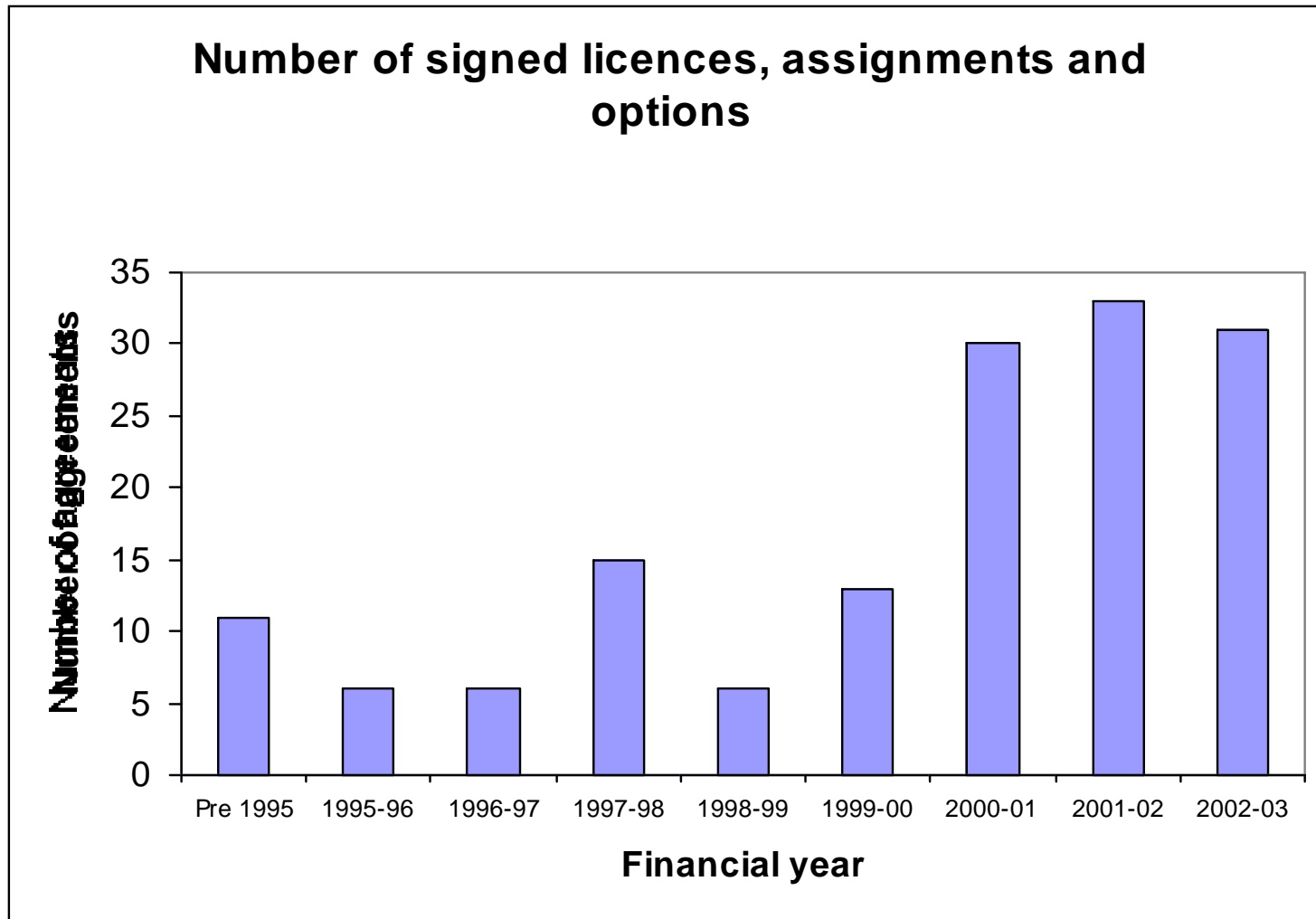


Lambert Review of Business-University Collaboration

Recommendations included:

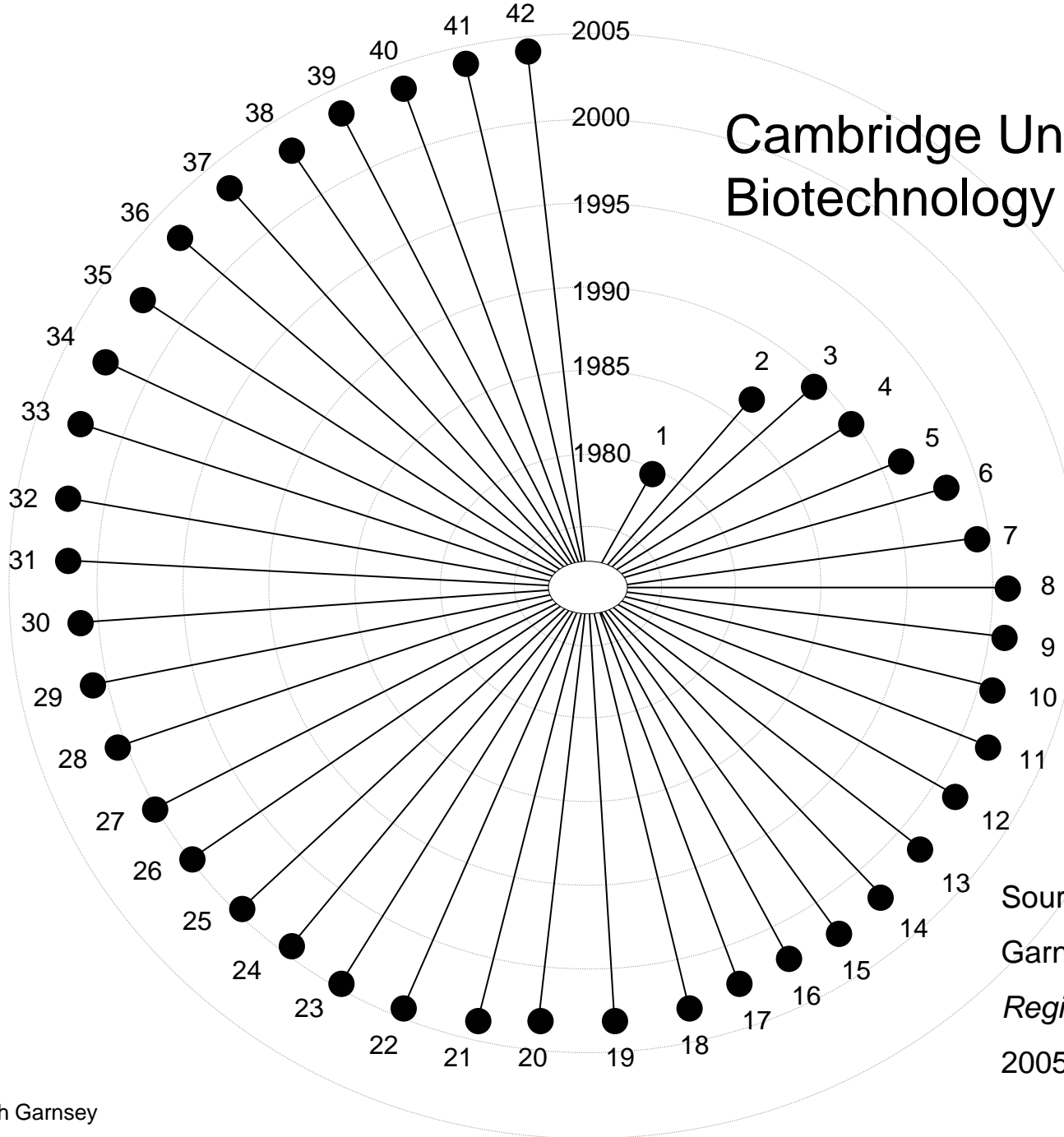
'More licensing to existing companies and
fewer unsustainable spinouts.'

Cambridge University



Source, Research Services

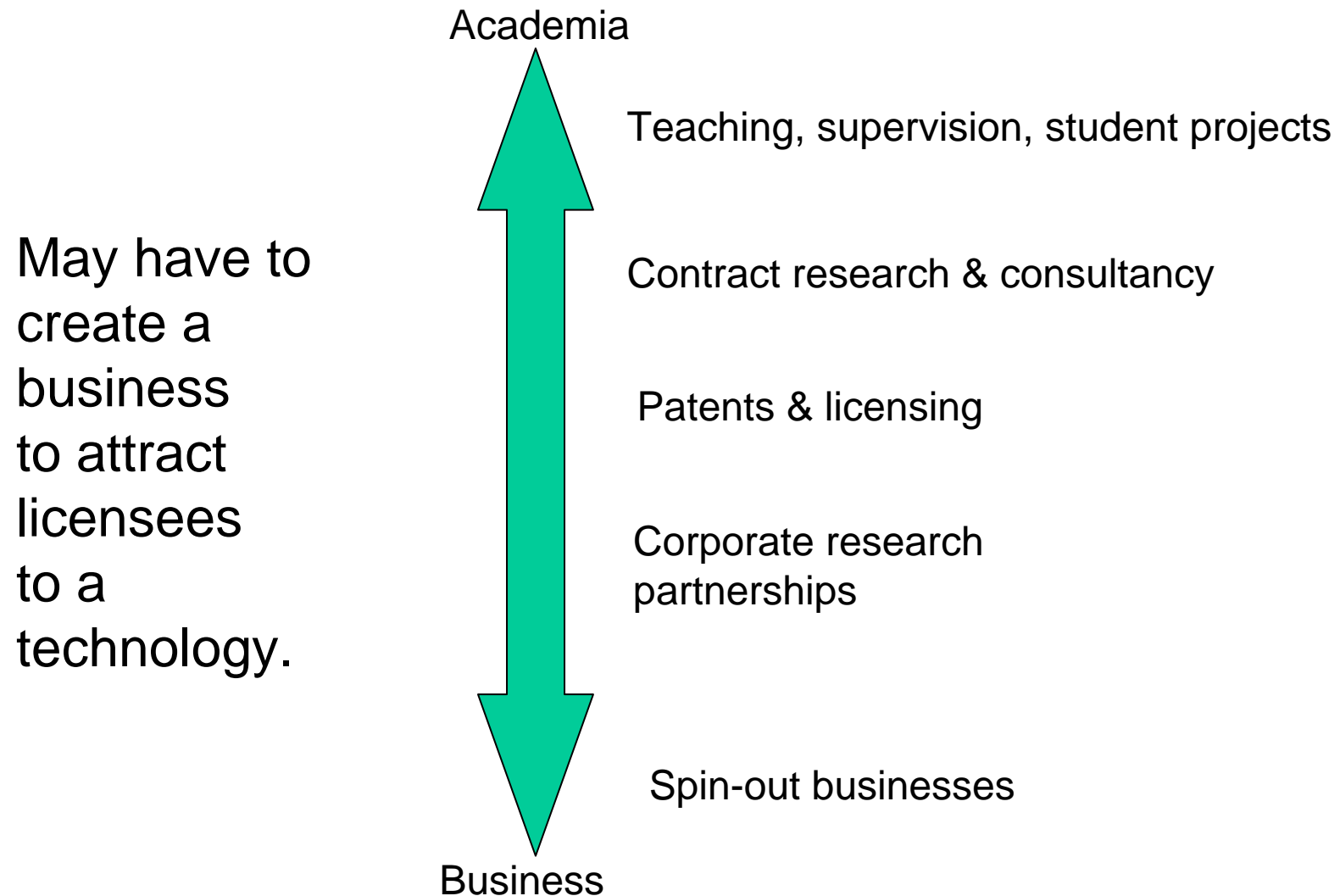
Cambridge University Biotechnology Spinouts

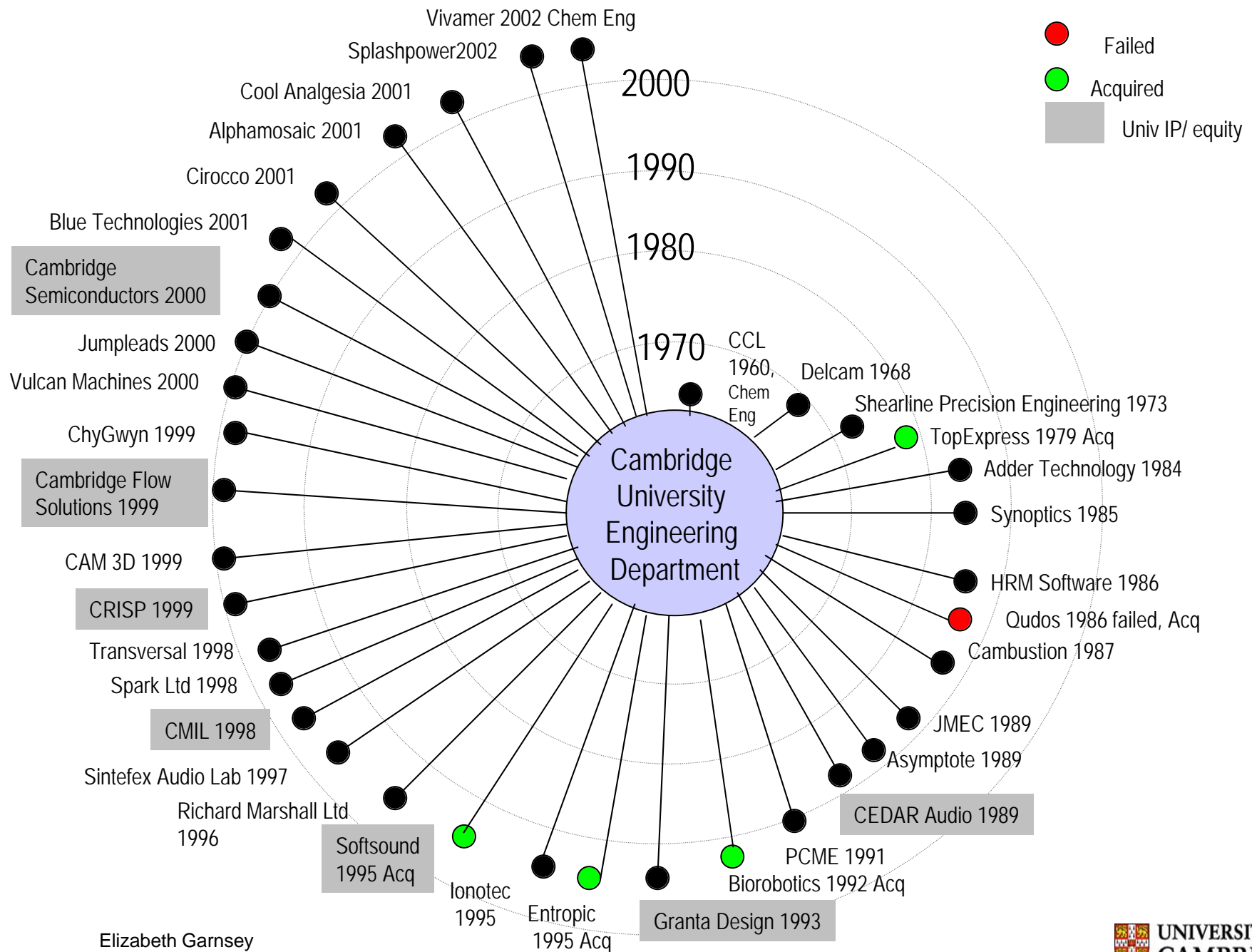


Source
Garnsey and Heffernan
Regional Studies,
2005

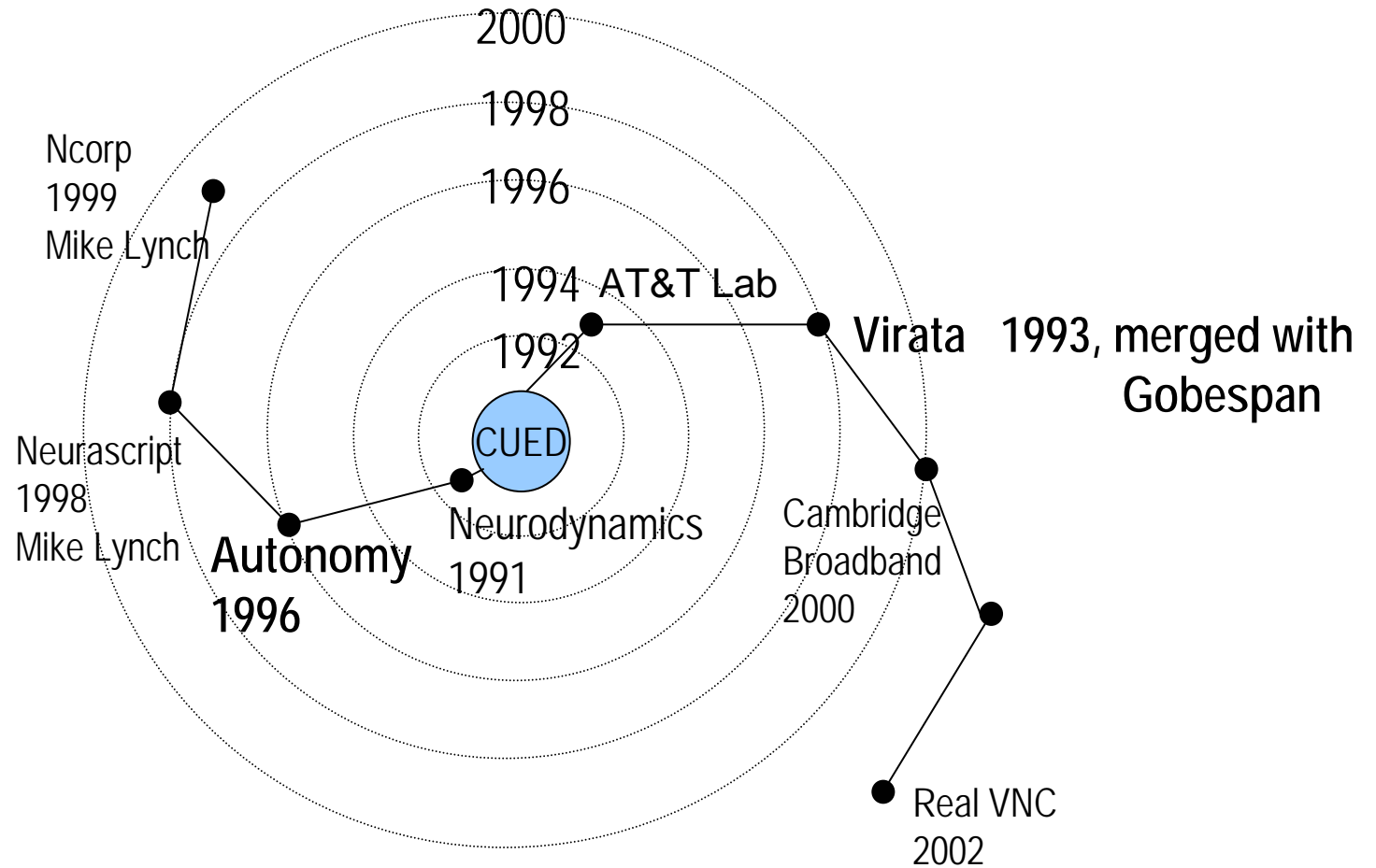


Many vehicles of tech transfer





Some Serial Spin-outs from CU Engineering Dept.

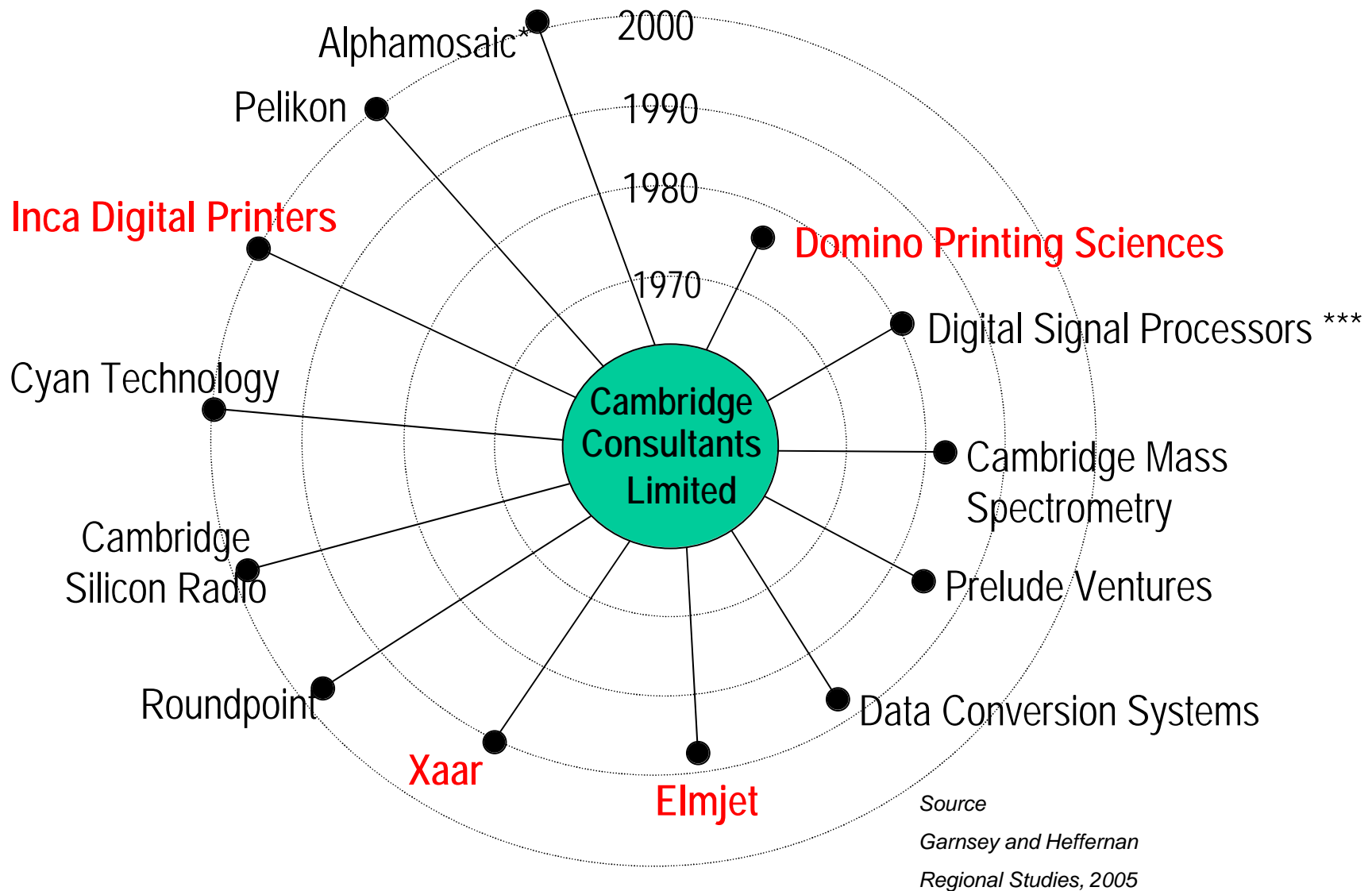


Source

Garnsey and Heffernan

Regional Studies, 2005

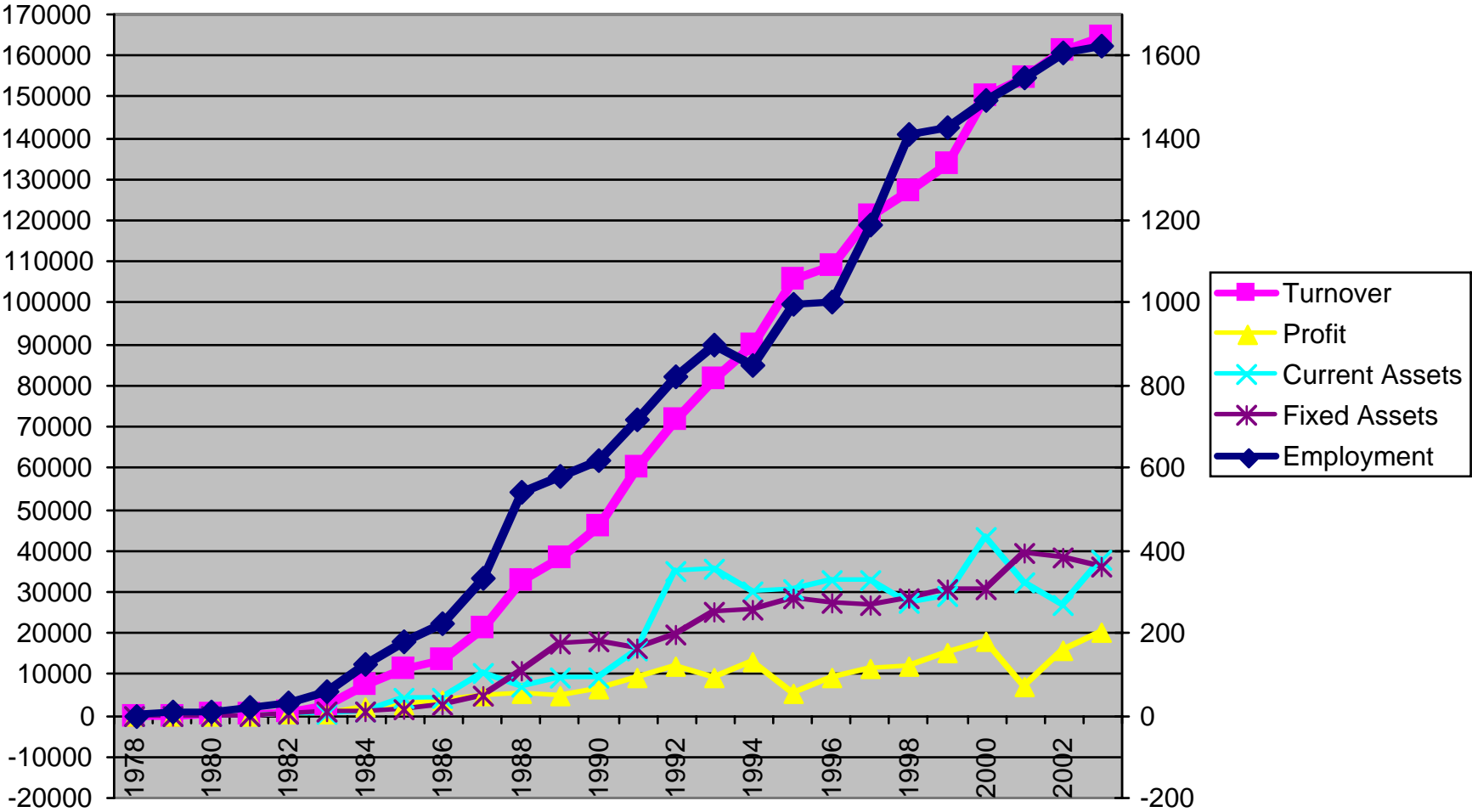
Spin outs from Cambridge Consultants Ltd - CCL



DOMINO PRINTING SCIENCES

£ ,000

Employment

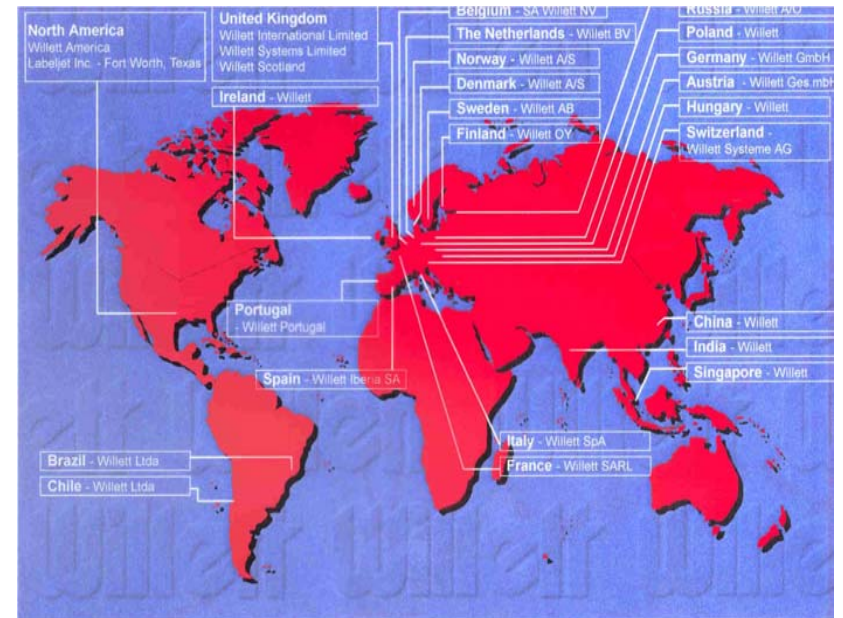
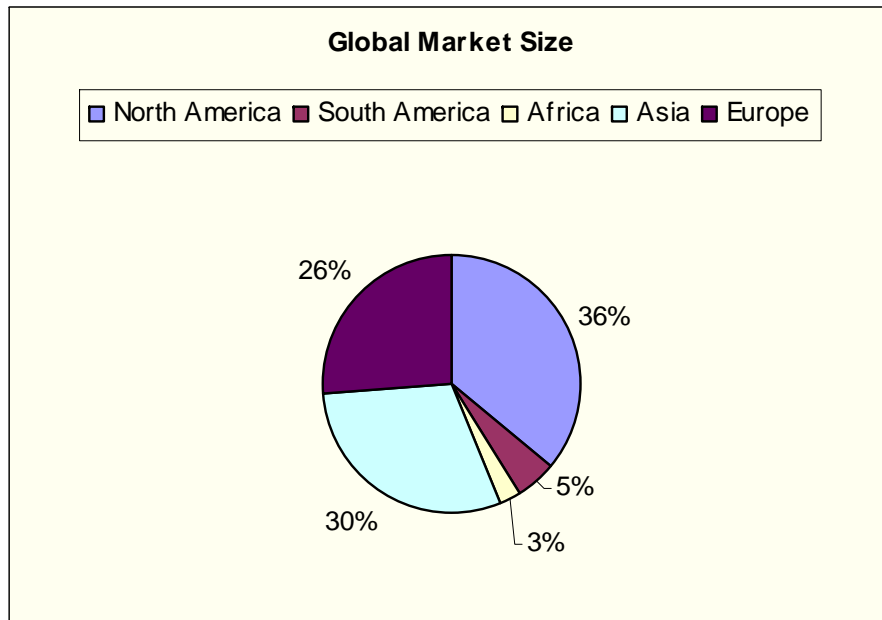


Building on Industrial Ink Jet Printing

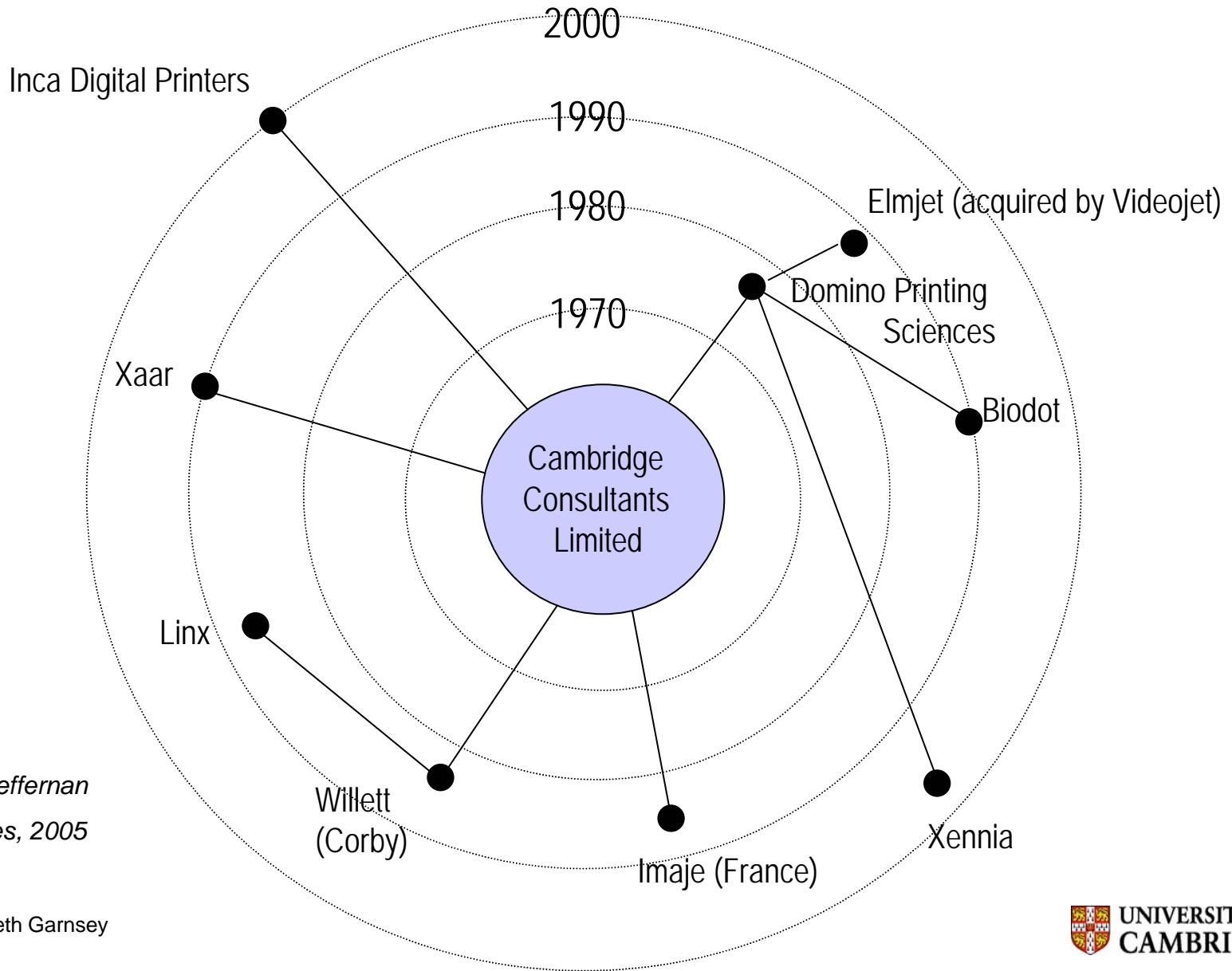
Total current revenues Cambridge IJP > £500m+

Total headcount > 3,000+

Major world market share



Industrial Inkjet Printing

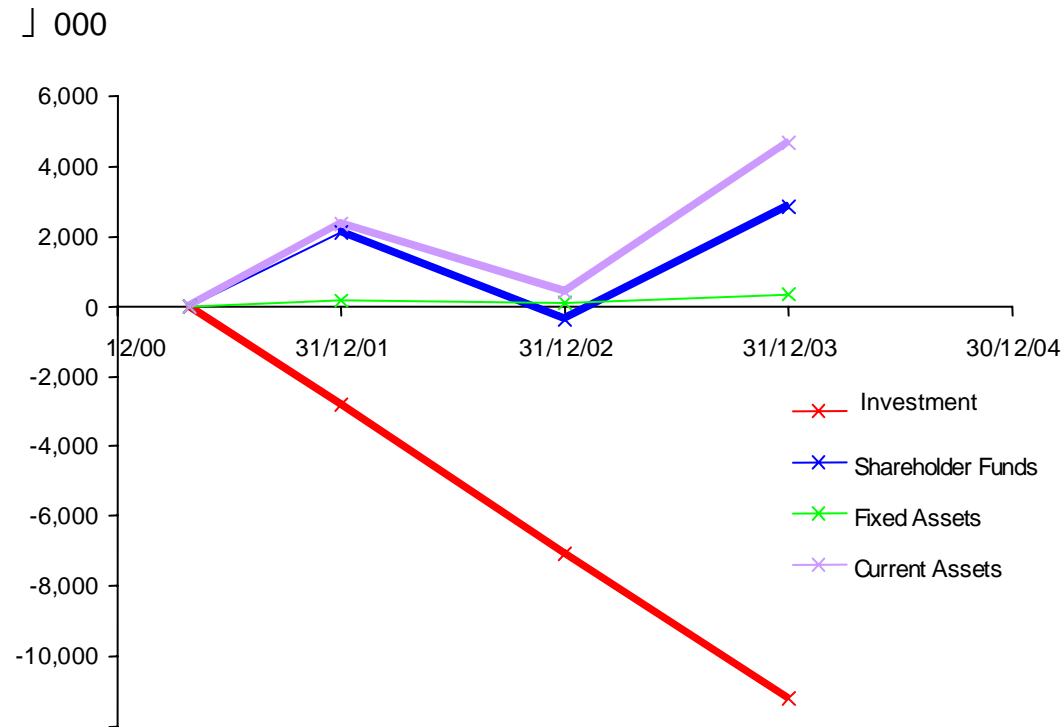


Source
Garnsey and Heffernan
Regional Studies, 2005

Elizabeth Garnsey



Alphamosaic - CUED/ CCL origin Acquired by Broadcom 2003



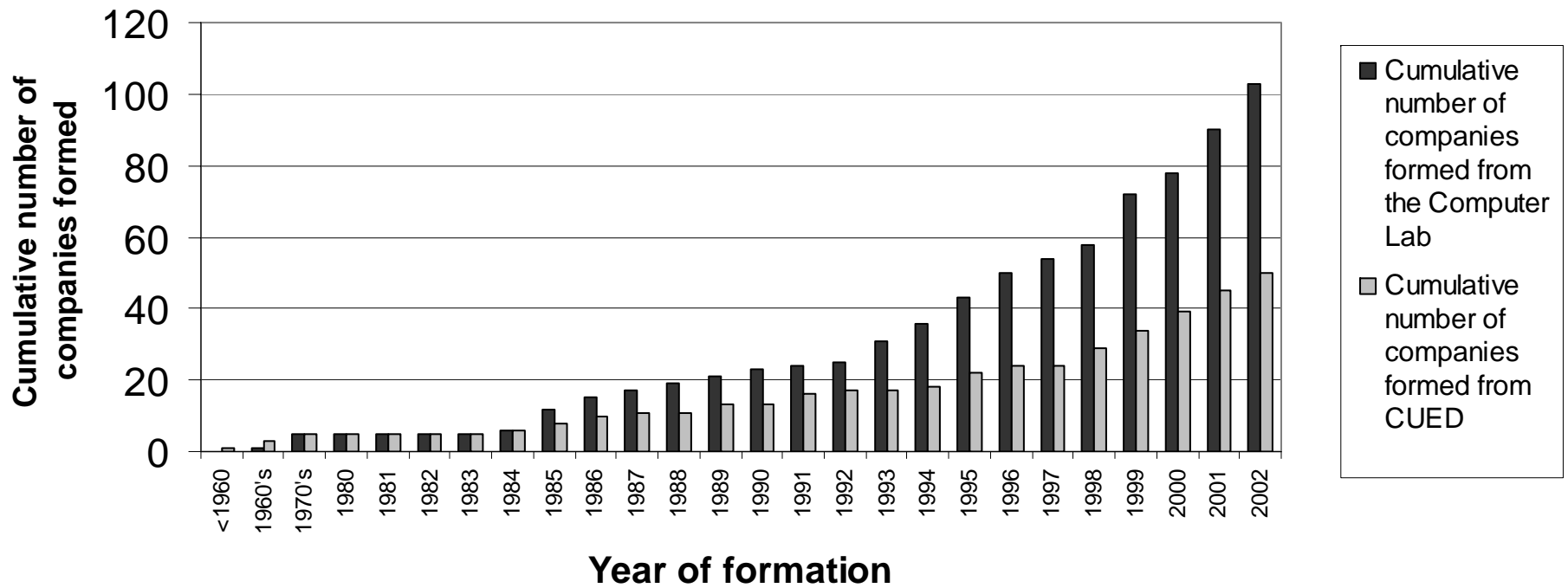
Capital needs required outside investment
Sale to Broadcom (no further figures available)

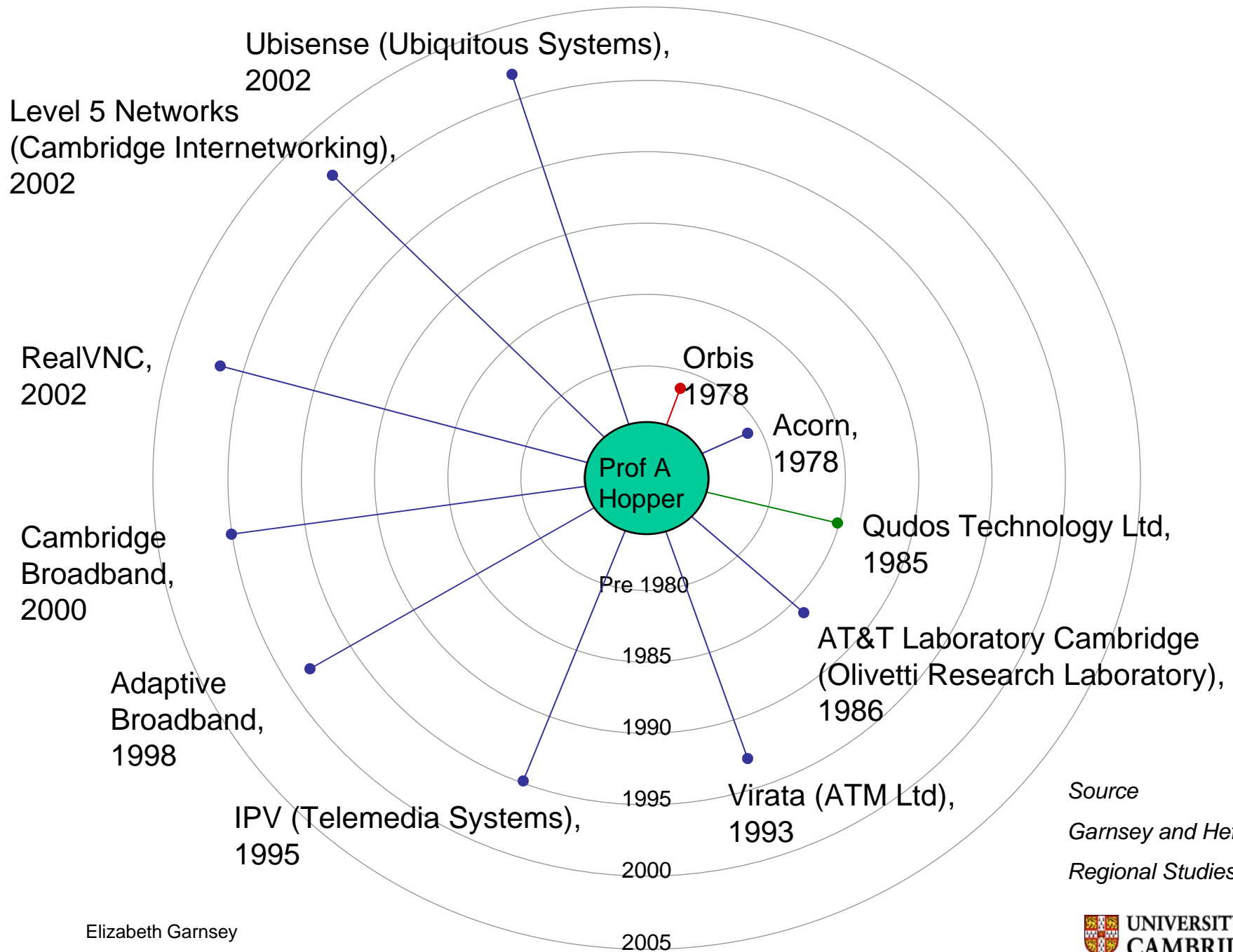
Acquisition

Cambridge firms' technologies are valued;
high incidence of acquisition.

Source of further spin outs, post acquisition.

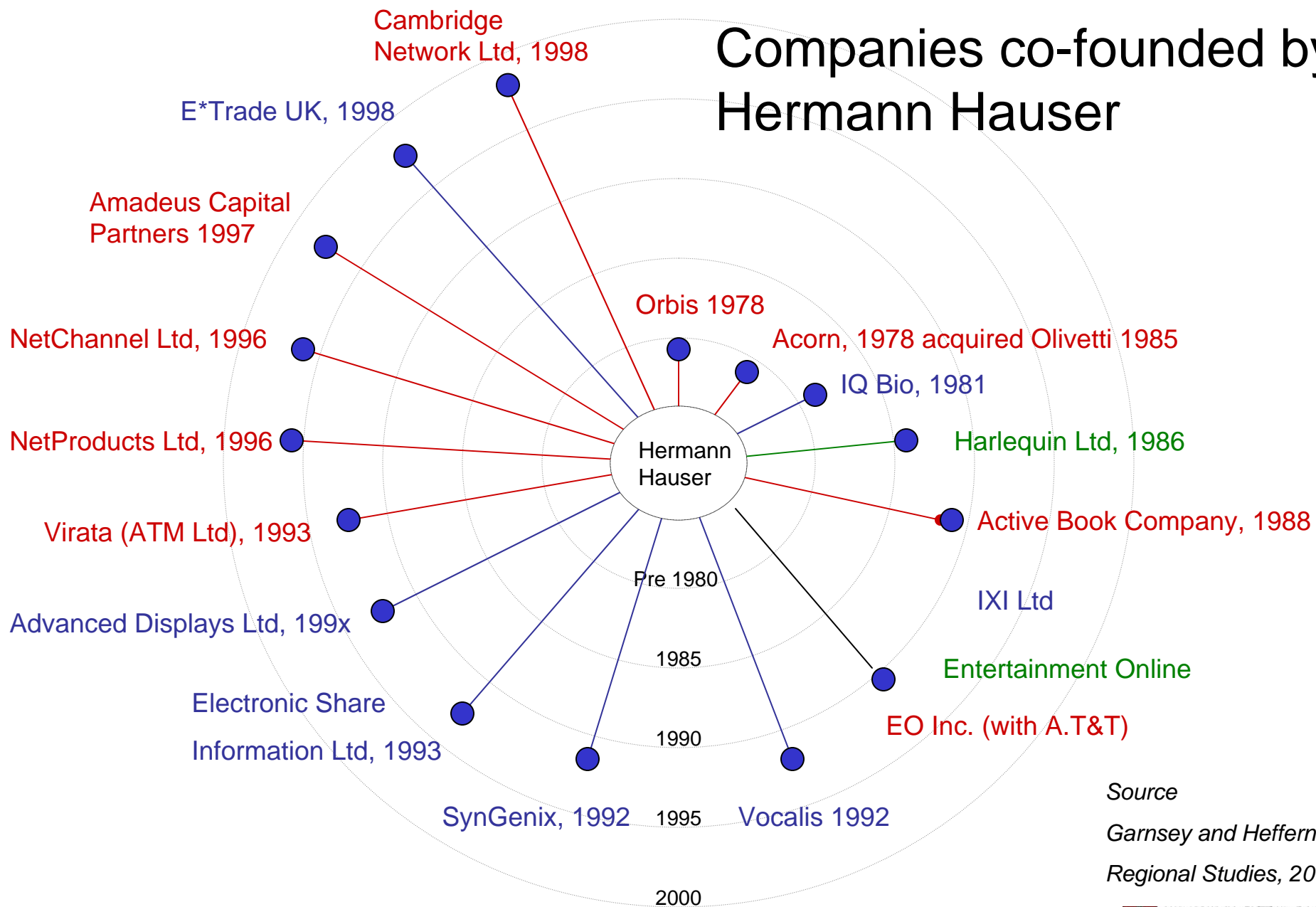
Comparison of the cumulative number of companies formed by CUED and the Computer Lab





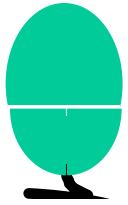
Source
 Garnsey and Heffernan
 Regional Studies, 2005

Companies co-founded by Hermann Hauser



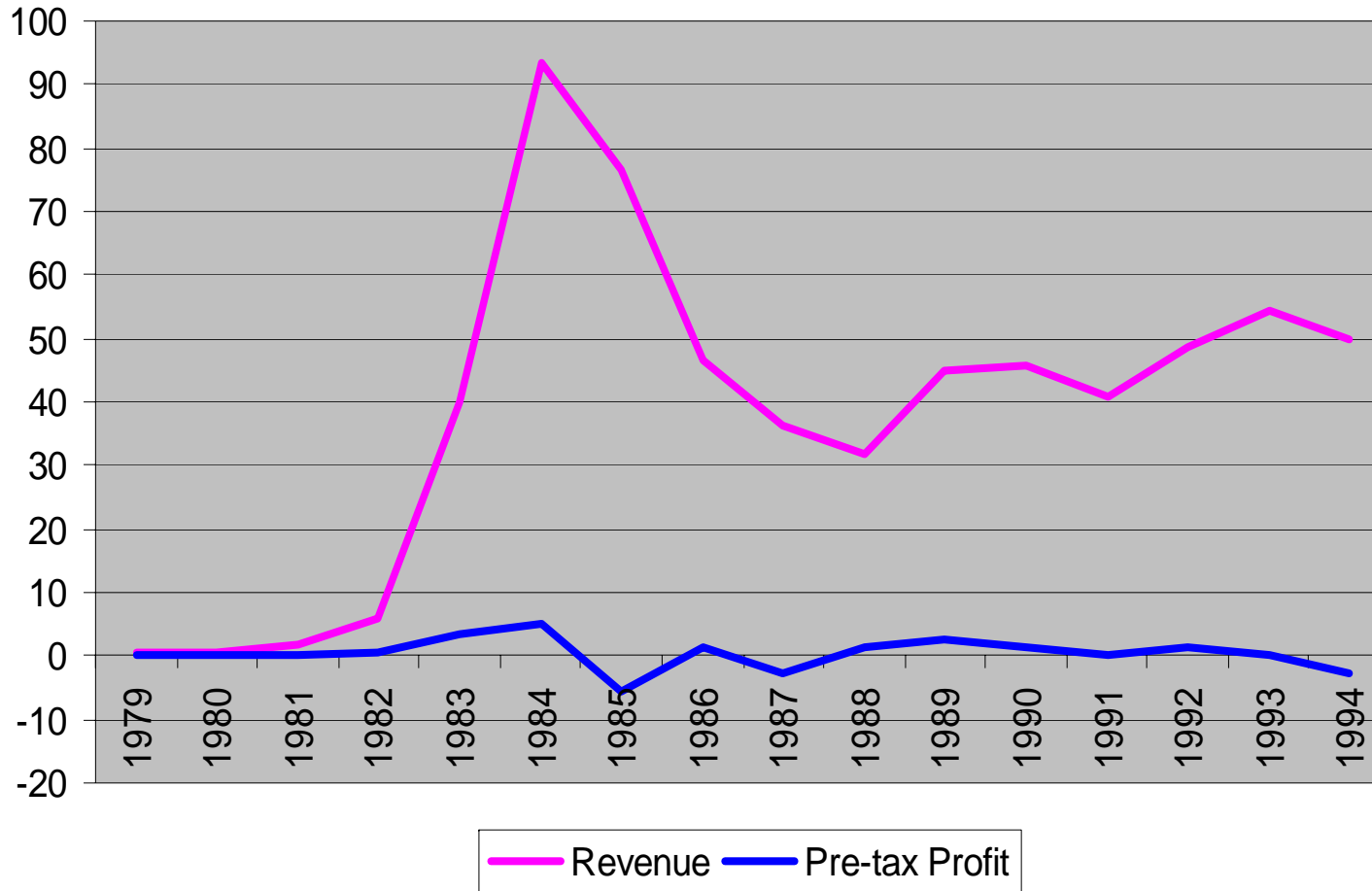
Source
Garnsey and Heffernan
Regional Studies, 2005





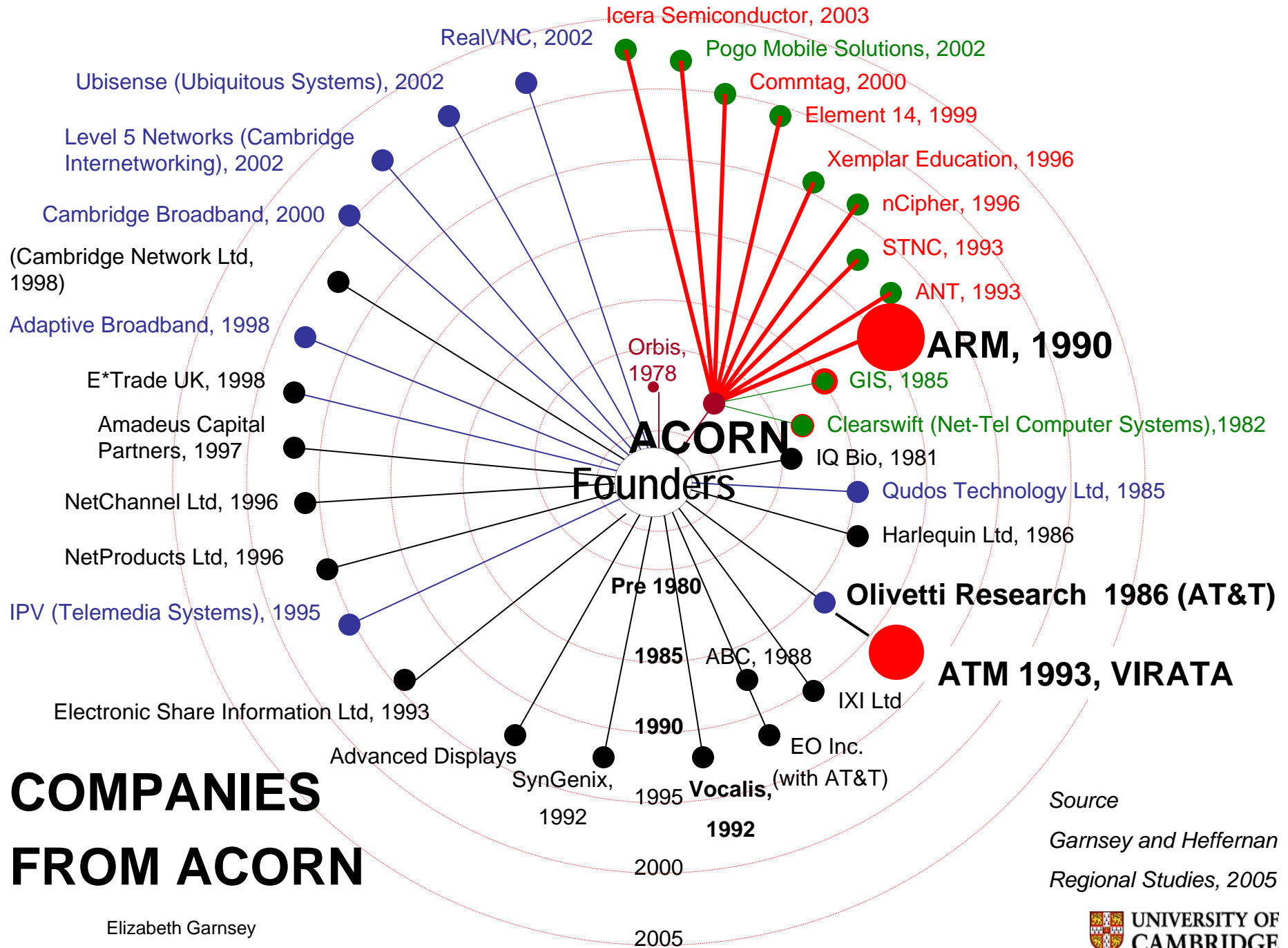
Inter-generational processes Acorn Computers

£m



COMPANIES FROM ACORN

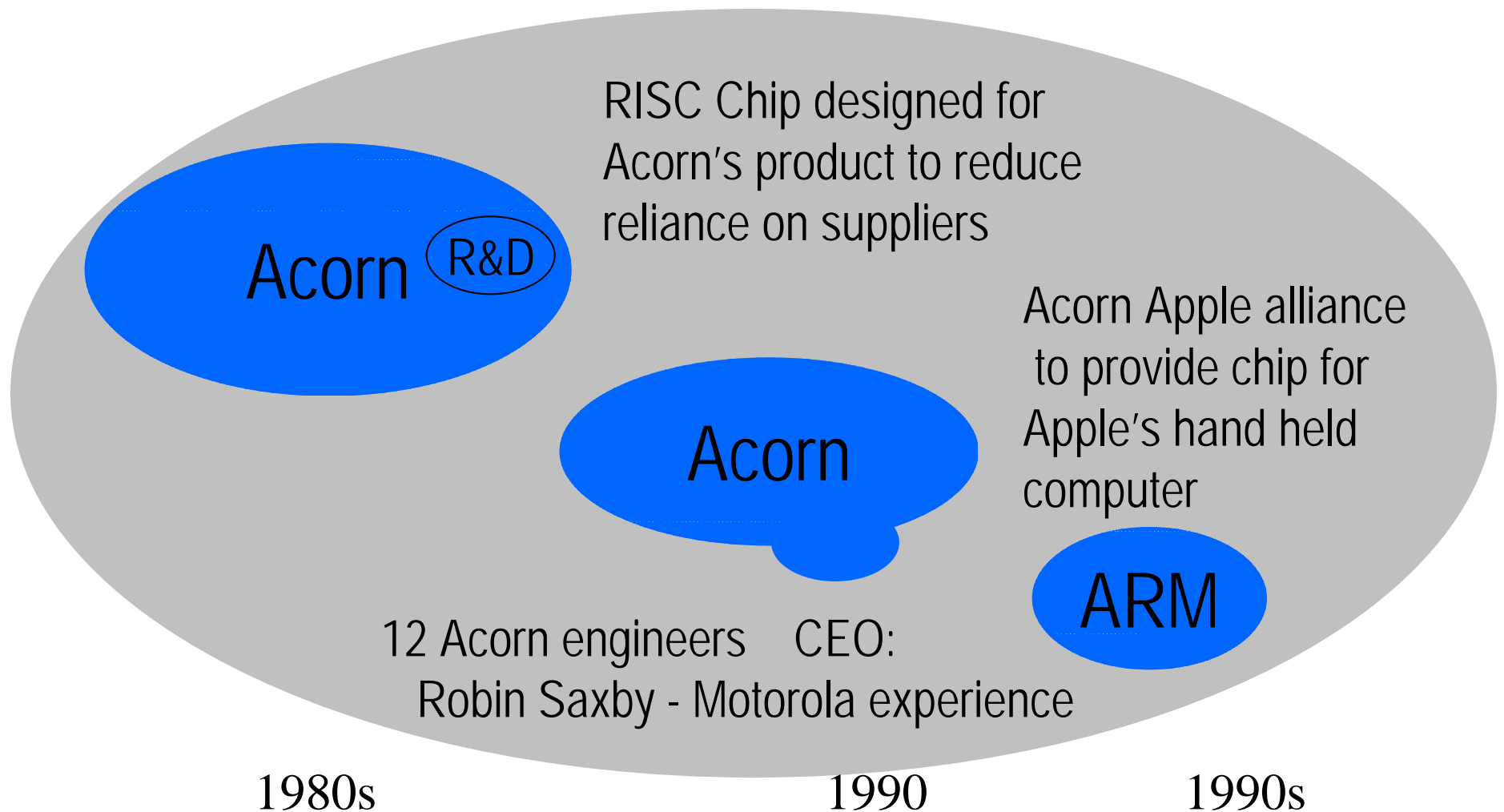
Elizabeth Garnsey



Source
Garnsey and Heffernan
Regional Studies, 2005

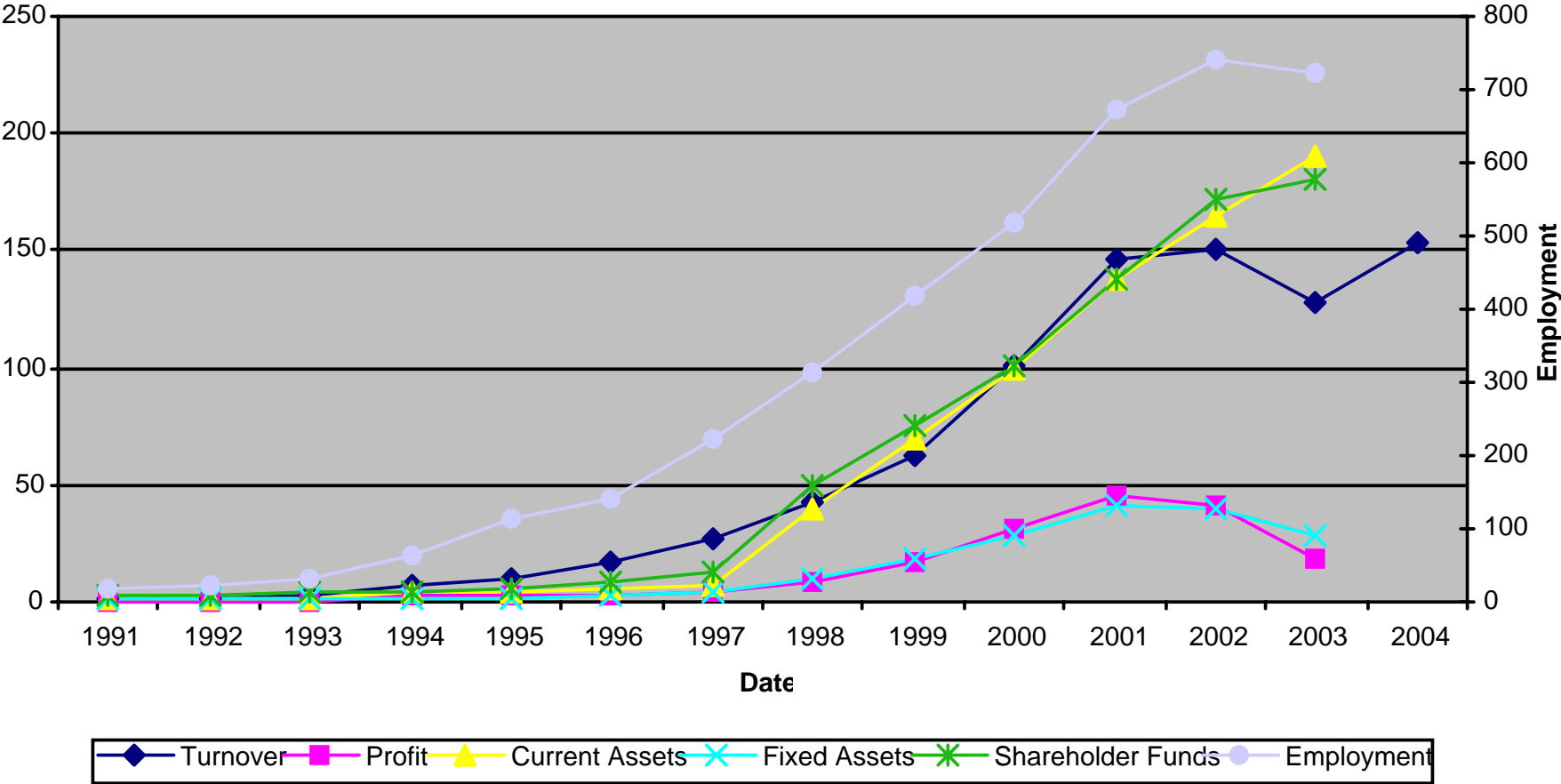


ARM, SPUN OUT from ACORN's R&D



ARM reaches turnover above £150m

ARM Holdings Ltd.



ARM Partnerships

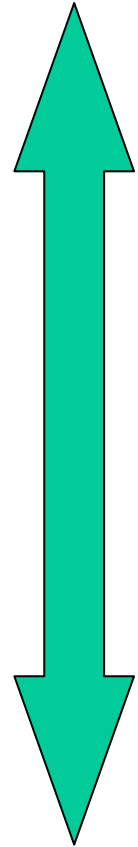
The image displays a central globe with a grid of latitude and longitude lines, surrounded by numerous logos of companies that are partners of ARM. The logos are arranged in four quadrants around the globe, each with a distinct background color and a title:

- RTOS Partners (Top Left, Light Blue background):** Includes logos for Sun Microsystems, Microsoft, WindRiver, GEOWORKS, and others.
- Tools Partners (Top Right, Light Purple background):** Includes logos for Hewlett-Packard, Tektronix, MetaWare, Synopsys, and others.
- Design Partners (Bottom Left, Light Yellow background):** Includes logos for Cadence, Origin, Sirius, and others.
- Software Partners (Bottom Right, Light Pink background):** Includes logos for Oracle, Java, and others.

Logos on the globe itself include Intel, Philips, Yamaha, 3Com, AKM, NEC, OKI, Panasonic, Sharp, Epson, Toshiba, Samsung, and many others.

Knowledge transfer - Lambert's less high profile recommendations

Academia



Business

'Get more business people into universities and vice versa

Universities to build up their alumni networks.'

'Best form of knowledge transfer is transfer of people.'