



Public Research Commercialisation Survey Denmark 2009

Summary

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Forsknings- og
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Ministeriet for Videnskab
Teknologi og Udvikling

Introduction

The annual commercialisation survey illustrates the efforts and performance of public research institutions in technology transfer.

At national scale, the new data for 2009 reveals a setback in the number of spin-out companies. Also, the number of license deals has decreased due to a set back in the numbers of option agreements.

Meanwhile, behind the national level of performance, there were major differences in the development at institutional level.

The commercialisation survey has been conducted jointly by The Danish Agency for Science, Technology and Innovation and The National Network for Technology Transfer. Data regarding 2009 has been collected through a questionnaire according to the international standards for such surveys. The data includes all public research institutions with significant commercialisation activities.

Further information on technology transfer in Denmark can be obtained from the website www.techtrans.dk

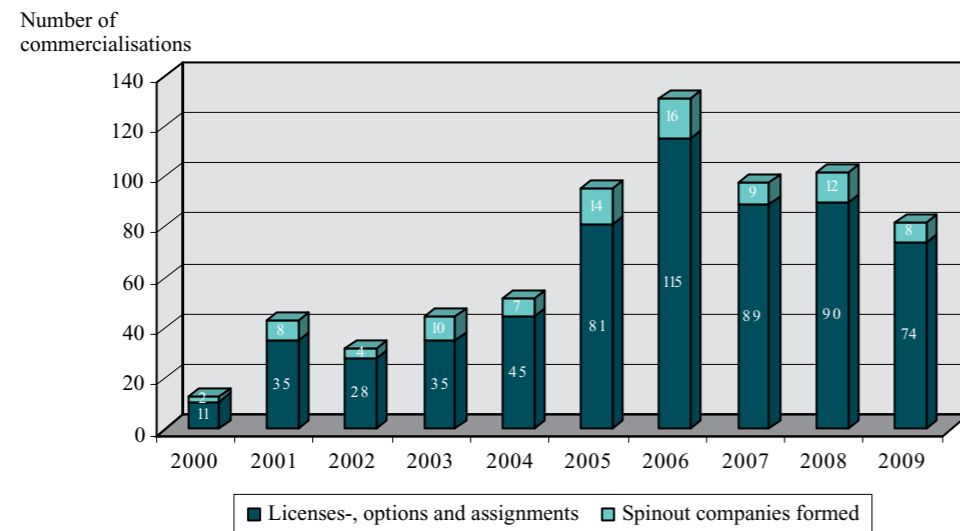
The commercialisation survey constitutes one initiative among several, to monitor and provide documentation of the national efforts in knowledge transfer under the Danish Council for Technology and Innovation.

Summary



This survey on public research commercialisation is based on data from a total of 13 public research institutions. The group of institutions surveyed includes seven universities, two government research institutes and four research hospitals (regional hospital administrations). All public research institutions with significant commercialisation activities are hereby covered by the survey.

Commercialisation performance, 2000-2009



Inventions

In 2009, the public research institutions in Denmark received a total of 291 invention disclosures. This is on par with 2008 figures.

Patent applications & patents issued

In total, the institutions filed 129 patent applications in 2009 - roughly the same as in 2008. Universities accounted for an increased share of these filings compared to 2008. In 2009, 16 new patents were issued compared to 11 in 2008. The increase is related to one single institution.

Licenses, options and assignments

In 2009, the public research institutions signed 74 new agreements licensing, assigning or giving option to IP. At national scale the total number of agreements executed has dropped from 90 the year before due to a decrease in numbers of option agreements.

Spin-out companies

In 2009, 7 new enterprises were created, dependent on the licensing or assignment of IP from public research institutions. The number in 2008 was 11 (The tables list 8 spin-outs, as one enterprise was established with IPRs obtained from two institutions).

Technology transfer staff

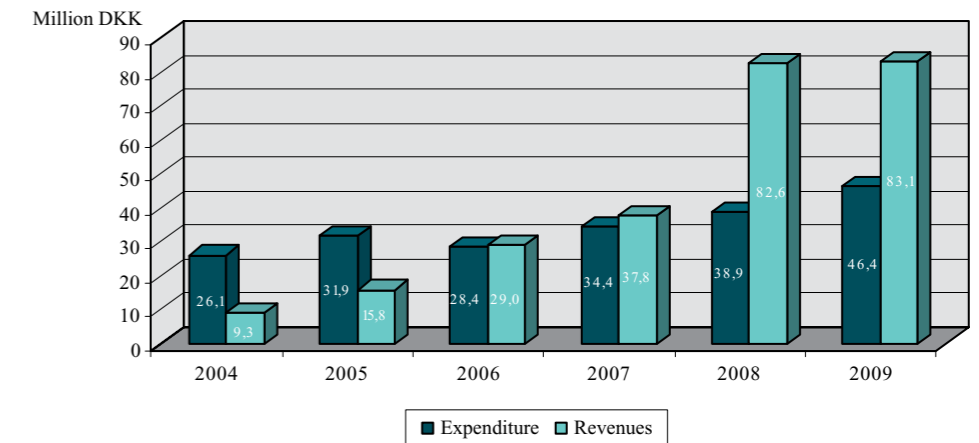
From 2008 to 2009, total number of technology transfer staff of the institutions was increased from 54 to 66 full-time positions. This staffing profile now has an equal balance between lawyers and professionals with an educational background in economy or science.



Costs and revenues

The combined revenue from commercialisation in the institutions is DKK 83,1 million in 2009 which is slightly more than in 2008. At two institutions revenues exceed the costs of commercialisation, while at the remaining 11 institutions expenses exceed or match the revenues.

Commercialisation revenues and expenditure, 2004-2009



Summary	Universities	Government research institutes	Research hospitals	Total 2009	Total 2008
Invention disclosures received	231	6	54	291	296
Patent applications filed	109	3	17	129	128
Patents issued	15	0	1	16	11
Licenses, options and assignments executed (incl. software)	69	1	4	74	90
Total license portfolio (excl. software)	88	4	15	107	106
Spin-out companies formed	6	0	2	8 (7)	12 (11)
Technology transfer staff (full-time equivalent)	45,8	2,2	18,2	66,2	54,2
Commercialisation costs (DKK million)	26,5	3,2	6,7	46,4	38,9
License income received (DKK million)	29,2	52,4	1,5	83,1	82,6