



UPPSALA



Offers IT Companies and Scientific Capital

A Strategic IT Investment





Maris Hartmanis

ITn'B

The ITn'B concept straddles the interface between IT and biotechnology. Uppsala is characterised by a unique and original cluster in the field of biotechnology.

The region has experienced an enormous explosion in the number of biotechnology companies in recent years, partially as a result

of the reorganisation of several major pharmaceuticals companies during the 1990s. This led to many researchers and project managers establishing their own companies. The Uppsala-Stockholm region is now one of the leading biotechnology regions in Europe, and this has laid the foundation for a new wave of business opportunities in which IT constitutes a strategic component in the development of biotechnology.

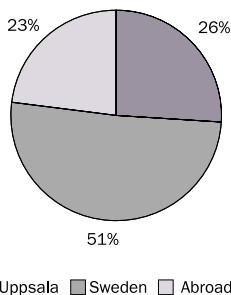
The combination of world-class biotechnology competence and IT competence drives the development forwards, and ensures an ever-closer symbiosis of these two fields.

A totally new industry is in the process of creation in Uppsala with international competitiveness in a global market. ITn'B forms the basis of a new wave of business opportunities within this wave. Companies such as Gyros, Biacore and Pyrosequencing epitomise the unification of IT and biotechnology.

Our position among world-leaders in miniaturisation and integration of laboratory processes requires us to have access both to competence and to infrastructure. These are readily available for us in Uppsala. Many applications profit enormously from miniaturisation and integration. Our flexible CD-microlabs and our instrument platform can be readily adapted to these applications.

Maris Hartmanis, managing director of Gyros

The market for companies within ITn'B





Svante Junell

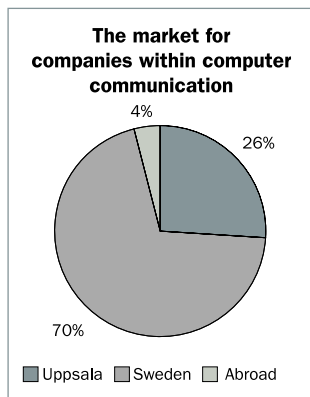
Computer Communication

Sweden's first private Internet service provider was based in Uppsala. As early as 1994, Bahnhof Internet offered Internet access to individuals and companies. The company has come a long way since then, growing by 554% between 1998 and 2001, and being described by Dagens Industri as one of Sweden's most nimble and speedy companies.

A few students started a project in 1995 intended to provide Internet access for all students studying technological subjects in Uppsala. Uppsala University encouraged the initiative, and the collaboration gave rise to a project that would eventually lead to Utfors, which had a unique position as the first private IT infrastructure company in Sweden with its own fibre network. The company was listed on the Stockholm Stock Exchange in December 2000.

Advanced IT research at Uppsala University, together with its many comprehensive educational programmes in the field, generate a continuous supply of highly qualified personnel, new enterprises and new technology. This ensures that Uppsala has a broad spectrum of highly qualified companies in the IT sector.

Uppsala is home to many successful companies in computer communication, in addition to Bahnhof and Utfors. These companies include IP-Only, Arctic Fibercomponent, Bahnhof Internet, Vattenfall Connection and Wireless Lab.



Uppsala is a fine town to work in. It's calm, but it has a strong current of people who create energy and a pulsating life. It's also close to Stockholm, which makes it easy to recruit the management required to make the company grow.

Svante Jurnell, founder of Utfors and managing director of IP-Only.



Mikael Andersson

Embedded Systems

Uppsala has many highly advanced development companies and companies offering consultancy services within embedded systems. These companies can achieve a leading international position through collaboration with demanding customers in the local market.

The customers are found in the fields of systems for medical applications, biotechnology, the defence industry, communications and security, and in industry and manufacturing technology.

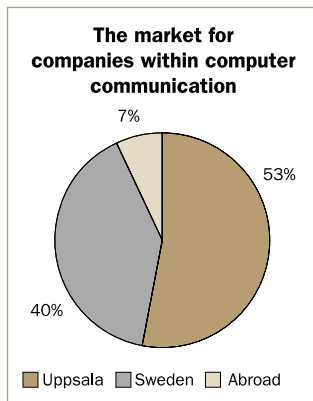
Our field is a field in which Uppsala University provides world-leading research. Our competent and demanding local customers ensure that we are a leading company in Sweden, and that we maintain quality that ensures international competitiveness.

Mikael Andersson, consultant at Styrex

IAR Systems is a world-leader within development tools for embedded systems. Their head office is located in Uppsala, and the company collaborates with many of the world's leading manufacturers of embedded systems. Development companies include SAAB Tech AB, a company developing distributed real-time systems; and CC Systems, a company developing complex control systems for mobile applications. Companies offering consultancy services include Styrex, Omicron, Hectronic and Racomma.

These companies strategically keep abreast of research advances while maintaining close contact and collaboration with Uppsala University. The main vehicle for this is various collaborative projects with research groups at the university, and undergraduate projects within the faculty of engineering. Collaboration also takes place through advanced commissioned research carried out at a high level of technology.

One company, Styrex, provides high quality consultancy services, principally within the development of embedded systems.





Research—The Future—Companies

Advanced IT research at Uppsala University, together with its many comprehensive educational programmes, generate a continuous supply of highly qualified personnel, new enterprises and new technology. This ensures that Uppsala has a broad spectrum of successful companies in the IT sector.

It is not a coincidence that Uppsala

leads the field in computer communication, ITn'B and embedded systems. Uppsala's position has developed naturally from the collaboration between business and Uppsala University, and The Swedish University of Agricultural Sciences.

The continuous supply of highly qualified personnel from the university, and the creativity developed there, provide strategic advantages for Uppsala industry.

The university is intensely active in turning research results into products, and in supporting new technology. The results of this activity are reflected in, among other things, the high number of research-intensive development companies.

The close contact between Uppsala industry and the students during their final year at university is just as important. Undergraduate projects provide direct contact between the companies and leading research and research groups. During the last ten years, the number of professorships in the IT field has increased by a factor of five to reach around 30.

The university has:

40,000 undergraduates
3,000 graduate students
4,500 researchers
55 educational programmes
1,600 individual courses
and it examines 500 Ph.D.s every year.



**An Oasis of Creativity
—at the Centre of the World**



Sweden has maintained its leading position in the IT field, both with respect to IT use and with respect to IT development, even during recent swings of the economic pendulum. Uppsala, together with Stockholm, is by far the most active region in Sweden. A desire for knowledge in the new world-leading technology, powerful new ideas, and a spirit of entrepreneurship create ideal conditions for healthy companies and a creative environment. There are today more than 120 IT companies in Uppsala, employing around 2,500 people.

The academic tradition has created an oasis of creativity in which the latest trends are united with world-leading research and sound reflection.



Uppsala—a town in which living and working are easy. Uppsala offers knowledge, creativity, culture and good communications. Stockholm, Arlanda and the world are just a stone's throw away.



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