

MEASURING OUR IMPACT 2017 at a glance

FACTS & FIGURES ON THE INNOVATIVE FORCES SUPPORTED BY UPPSALA UNIVERSITY INNOVATION.



UPPSALA
UNIVERSITET

INNOVATION

48 INFORMATION AND EDUCATION SESSIONS ON INNOVATION AND IPR

BIG DEMAND FOR INTELLECTUAL PROPERTY LAW INFORMATION

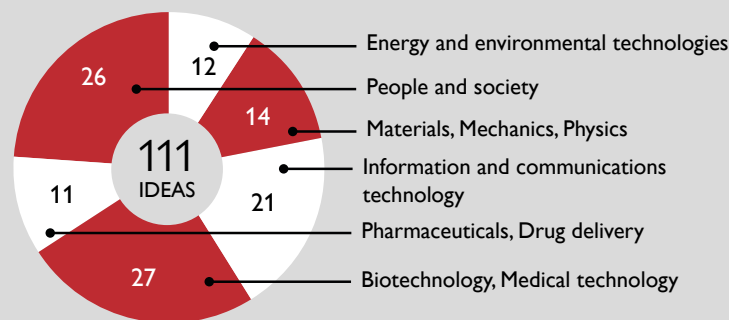
Better awareness of how to apply and protect their intellectual assets is one way of helping researchers maximise the utilisation of their work, and we are actively involved in providing this essential information. A course in Intellectual Property Law and Commercialisation, given in cooperation with experts from the Swedish Patent and Registration Office, was premiered in 2017 to help bring about this aim. Such was its popularity, that new courses are already planned for 2018.



BETTER INTERACTION WITH SMEs

During 2017, three multi-disciplinary forums were held to encourage greater collaboration between Uppsala University and small to medium-sized enterprises (SMEs). Twenty companies met researchers in an informal setting to learn more about ongoing projects. Several joint initiatives and applications have already emerged as a result.

BROAD RANGE OF BUSINESS PROPOSALS



111 ideas were submitted in 2017, spanning all the sectors listed above.

MENTOR-LED SUPPORT WINS PRAISE

In 2017, sixteen researchers from different fields were matched with experienced mentors from industry. Especially gratifying is that more than half of the mentors were Uppsala University alumni, a much-appreciated way of repaying their alma mater. Moreover, the researchers value the unique opportunity to evaluate their research from new perspectives.

“I really have to thank Mentor4Research for allowing me to take my research beyond the lab bench and test its commercial potential in the business world.” (Participant quote)

UPPSALA UNIVERSITY
mentor4research
CATALYST FOR COMMERCIALISATION

SHAPING UP FOR FUTURE BUSINESS

82

COMMERCIAL
PROJECTS ON THE
MOVE

3.6 MSEK

IN VERIFICATION
SUPPORT

During 2017, we actively investigated and developed the commercial potential of 82 projects. About half shared just over 3.6 MSEK funding for verification of, for example, markets, technologies and regulatory issues. Getting ready for coming business in other words.



92 NOVEL BUSINESS IDEAS



42 NEW COMPANIES

ENTREPRENEURIAL STUDENTS MORE PRODUCTIVE THAN EVER

Drivhuset Uppsala, our collaborative partner for supporting students' ideas, received 92 business proposals from university students and helped these budding entrepreneurs start 42 new companies.



3 INITIATIVES BOOST THE SPIRIT OF INNOVATION

What's more, three activities run during 2017 will ensure that our students' innovative productivity remains high.

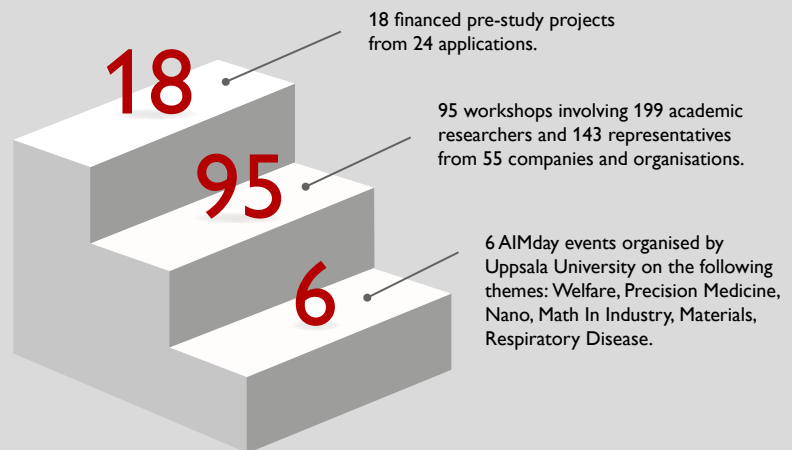
- EIT HEALTH INNOVATION DAY: Students and society meet to make a difference.
- EIT HEALTH BUSINESS CREATION WEEKEND: Skills and team-building under expert guidance – just bring your idea.
- BUSINESS ANGELS: Compete with your idea and win help starting a company.

ACCELERATED DEVELOPMENT IN TOP-RANKED BUSINESS INCUBATOR

We are a partner to Uppsala Innovation Centre (UIC) that, according to UBI Global, is consistently ranked among the top international business incubators with a university connection. In 2017, 22 projects affiliated to Uppsala University were awarded places in UIC's sought-after business development programmes.



– ENABLES KEY ACADEMIC-INDUSTRY CONNECTIONS



PUTS RESEARCH INTO PRACTICE

AIMday[®], pioneered by Uppsala University in 2008, lets companies and organisations challenge university researchers with one specific question in intense face-to-face discussions over just one day. The external representatives benefit from direct, highly-qualified feedback while academics gain new insights into industry. This interaction naturally leads to further collaborative activities, often accompanied by essential pre-study funding.

BUILDING BRIDGES ACROSS THE ACADEMIC WORLD

AIMday enjoys a strong reputation among leading universities in other parts of the world and we support implementing the concept locally. For example, in 2017, AIMday made a highly successful North American debut at the University of Saskatchewan in Canada, which is now Uppsala University's partner for spreading the event across the country. A similar collaboration with the University of Edinburgh successfully introduced the concept into the UK. And in 2018, AIMday will expand its South American breakthrough with no less than seven universities testing the concept with our support.

AIMday[®] is a registered trademark owned by Uppsala University. It is available to other universities. aimday.se



PREMIERE FOR 'Attractive Innovation Project' awards

Eleven innovation projects started by our researchers and students have been acknowledged with a new award initiated as part of UU Innovation's 10th anniversary celebrations.

Common to all projects – and a prerequisite for recognition – is a high innovation potential, support from UU Innovation, and success in securing external funding to further enhance development opportunities. This funding has been received from EIT Health, the strategic innovation programme SWElife, and Vinnova's Challenge Driven Innovation, Social Innovation and Innovative Start-ups calls. UU Holding, other venture capital companies, and private investors have also contributed.



PLATINEA – COLLABORATION PLATFORM TO OPTIMISE ANTIBIOTIC USE

PLATINEA is a neutral platform for players who together can help optimise antibiotic use and thus prolong the life-length of existing compounds. Stakeholders can meet, discuss and agree on how to handle practical problems of antibiotic access and development.



GraphMaTech – INTRODUCING GRAPHENE LIGHTWEIGHT MATERIAL FOR LARGE-SCALE USE

GraphMaTech's patented new graphene lightweight material Aros Graphene displays the exceptional properties of graphene, but is much easier to manufacture and apply.



ASTREGO DIAGNOSTICS – FAST DIAGNOSIS AND THERAPEUTIC INFORMATION FOR URINARY TRACT INFECTIONS

Astrego Diagnostics' qUTI system detects urinary tract infections in less than 30 minutes and provides information on which antibiotics to use. The physician can thus assess and, if necessary, prescribe the correct antibiotic directly during the patient visit.



PREOPERATIVE DIAGNOSIS OF GYNAECOLOGICAL CANCER

Many women suspected of having abdominal cancer undergo surgical procedures unnecessarily. In others, the cancer is not detected until it is too late. Now a project led by Professor Ulf Gyllensten at the Department of Immunology, Genetics and Pathology is developing a unique blood-based biomarker test to improve the diagnosis and early detection of ovarian cancer.



HUMAN RIGHTS CLINIC – PUTS HUMAN RIGHTS AND PRACTICAL WORK ON THE AGENDA

The collaborative project Human Rights Clinic enables law students to work under supervision with real cases. This helps strengthen their knowledge of human rights and boosts the ability of human rights organisations to defend them.



OPTIMA PLANTA – DEVELOPING THE NEXT GENERATION OF PLANT CULTIVATION

Optima Planta uses aeroponics technology to bring about the local cultivation of fresh salad, herbs and spices all year round. The technique cultivates plants vertically without soil, sunlight, pesticides or other additives, and with less water consumption than traditional cultivation.



DISIR PRODUCTIONS – MAKING HISTORICAL RESEARCH COME ALIVE

Disir Productions combines archaeology and digital communication in a modern gaming environment. The company develops Augmented History apps, allowing users to enter, experience and interact with digitally-reconstructed historical environments.



MAGSTRÖM – NEW MEANS OF REDUCING DOWNTIME

Magström develops both hardware and software that can reduce the unnecessary wear of components in hydroelectric power plants. This means less downtime, better stability and higher profitability. For a country like Sweden, where hydropower accounts for almost half of the electricity generated, this is extremely important.



F & A FORECASTING – SOFTWARE FOR MORE ACCURATE FINANCIAL FORECASTS

Indicio software, developed by F & A Forecasting, gives more accurate predictions of sales volumes, commodity prices and exchange rates. It makes even complex relationships with many parameters manageable for people without expert knowledge in statistics. Banking and industry are key users.



INOSSIA – NEW ELASTIC CEMENT FOR MENDING FRAGILE BONES

Elderly people with osteoporosis (fragile bones) often suffer fractures in their vertebrae and today effective treatment is lacking. Inossia has developed an elastic bone cement for better pain relief and reduced risk of further spinal fractures.



NEWS EVALUATOR – DIGITAL TOOL IN THE ENLIGHTENED CITIZEN'S SERVICE

How credible are young people's news feeds? The News Evaluator (Nyhetsvärderaren) project has created a completely new research-based approach to managing news feeds. This digital tool provides fresh information about news feeds while training young people to think critically and scientifically.

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STARTUPS

EN ROUTE TO MARKET

Commercialisation plans take many forms. One common scenario is to start a brand new company and during 2017, eleven such businesses were formed. We support other commercialisation models as well, including patent licensing, tech transfer and company collaborations.

3 WAYS TO BOOST COLLABORATIVE SKILLS AND READINESS

LEADING ROLE IN VINNOVA-FUNDED PROJECTS

Better collaboration within the higher education network plus greater cooperation with the non-academic sector benefits all parties. Not surprisingly, Vinnova is financing initiatives to achieve both goals and Uppsala University is playing a pivotal role in three of them. It is assessing how to value the merits of collaborative skills in academic careers and, via UU Innovation, coordinating a project linked to the funding of academic-industry interaction as well as contributing to improved IPR management at universities.



NEW VENTURES



PORTFOLIO COMPANIES

1 032 837 000

SEK IN EXTERNAL INVESTMENTS

EXTERNAL INVESTMENTS IN UU HOLDING'S PORTFOLIO COMPANIES HIT NEW RECORD LEVELS

Uppsala University Holding Company's primary task is to invest in new research-based start-ups. Its current portfolio of 50 companies spans a broad spectrum of business sectors.

During 2017, it became part-owner in five new ventures: Disir Productions, Astrego Diagnostics, Ilya Pharma, Olink and Okawi, and made over 20 follow-up investments in existing portfolio companies.

2017 was also the year when UU Holding broke the SEK 1 billion barrier for external investments, largely due to the successful listing of biopharma company BioArctic on Nasdaq Stockholm, the first holding company start-up to be listed on a major stock exchange.

But even other portfolio companies were successful in attracting capital. Chromogenics (MSEK 117 in association with its IPO on Nasdaq First North) and Disruptive Materials (MSEK 70) are good examples. Another promising company is Ilya Pharma, which was awarded about MSEK 30 in EU funding to perform clinical trials of its wound-healing product.



PART OF
UPPSALA
INNOVATION
SUPPORT
SYSTEM

MOVE TO NEW BUILDING BOOSTS INNOVATION SUPPORT

In December, UU Innovation, UIC, Uppsala BIO, UU Holding and SLU Holding, together with STUNS and STUNS Energy, moved into the Hub, an imposing new building in the middle of Uppsala Science Park. What's more, all share the same location – Innovation Hub Uppsala. The benefits of the move are numerous. In addition to the obvious benefits of more modern office space and meeting rooms, the innovation support in itself is now more visible and accessible. It all adds up to more effective support for the region's innovators and entrepreneurs.

UPPSALA UNIVERSITY INNOVATION – ACCELERATING THE IMPACT OF RESEARCH IN SOCIETY

As the university's central support unit for innovation and collaboration, it's our mission to help put good research to good use – for everyone's benefit. Regardless of where the ideas originate – academia or companies and organisations – we provide the expertise, resources and networks essential for transforming them into exciting commercial ventures or fruitful partnerships. For researchers and students, we're right on your doorstep – just a phone call, e-mail or short walk away. For companies and organisations, we're your first stop on the road to success. To discuss collaboration opportunities, simply call or e-mail us.

FIND OUT MORE. CONTACT US TODAY.

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