BRABANT IS BRIGHT

Collaboration opportunities

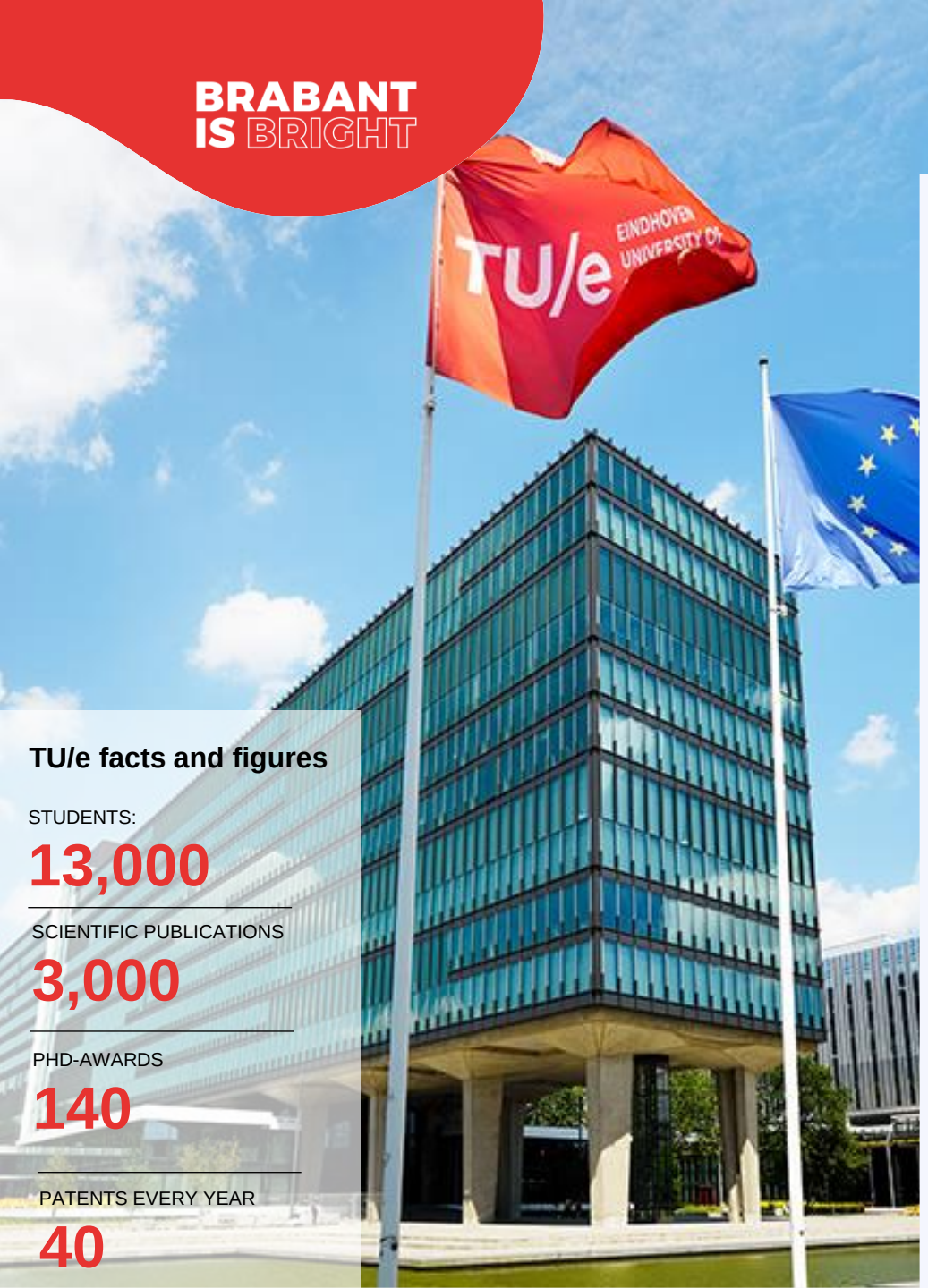
Universities Brabant

BRABANT IS BRIGHT

LOCATION:
- EINDHOVEN

EDUCATION:
BACHELOR'S AND MASTER'S DEGREES

TU/e



TU/e facts and figures

STUDENTS:
13,000

SCIENTIFIC PUBLICATIONS
3,000

PHD-AWARDS
140

PATENTS EVERY YEAR
40

1. EINDHOVEN UNIVERSITY OF TECHNOLOGY (TU/E)

Summary

The TU/e in Eindhoven is one of the three universities of technology in the Netherlands. The university has an excellent reputation in Europe, offering a wide range of technical and IT-related courses. The university's campus is at the center of one of the most powerful technology hubs in the world: Brainport Eindhoven.

Globally, the TU/e excels in collaborating with advanced industries. Together with other institutions, the TU/e forms a thriving ecosystem with one common aim – to improve quality of life through sustainable innovations. Several top research institutes are affiliated with the TU/e, such as the Embedded Systems Institute (ESI), the Holst Centre and the Dutch Polymer Institute (DPI). The TU/e offers many courses and programs that focus on **engineering**, **science** and **technology**, in particular the three strategic areas of:

- **health,**
- **energy,**
- **smart mobility.**

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TU/e INNOVATION SPACE

Website

Innovation Space

TU/e innovation Space is the center of expertise for Challenge-Based Learning at TU/e.
TU/e innovation Space is a learning hub for education innovation and an open community where students, researchers, industry, and societal organizations exchange knowledge and develop responsible solutions to real world-challenges. They do so in one of the many Challenge-Based Learning (CBL) courses and student teams we facilitate. We increasingly like to collaborate with innovative partners that want to contribute to global societal challenges in thematic ecosystems – to accelerate and scale-up the required radical innovation.

MAIN ACTIVITIES

- Facilitate Challenged-Based Learning in courses and at program level, and in extracurricular activities, mainly TU/e student teams and startups.
- Support entrepreneurial awareness creation and coach for responsible entrepreneurship
- Community building and student connection with ecosystem

COSTS

Ranging from €0 – €25.000 depending on the level and duration of collaboration

FOCUS

Solutions to real world-challenges, for example: Sustainabie Energy, Future Cities, Health, Data Models to predict group behavior, and self driving cars.

APPLICATION & DURATION

Partnership requests throughout the year. Duration of challenges: from a day, a week, to a semester and a whole year or more.

Contact: Isabelle Reymen (Scientific Director)
I.M.M.J.Reymen@tue.nl

BRABANT IS BRIGHT

The Gate
BRAINPORT EINDHOVEN

Website

The Gate

The Gate is the platform where tech startups in the first phase of their existence can go to make a flying start.

At The Gate, advisors from Brainport Development and TU/e offer honest and independent advice to starting entrepreneurs free of charge. The common goal is to qualitatively and quantitatively improve the high-tech startup climate in the Brainport Eindhoven region.

MAIN ACTIVITIES

- One desk available with access to all areas of expertise.
- Provide coaching, help with business plans, and obtaining funding.
- Provide “talior-made solutions”.

FOCUS

- Tech Start-Ups
- Entrepeneurial students
- Scientist

Contact: Monique Greve (Incubation Program Manager)
m.j.m.greve@tue.nl

BRABANT IS BRIGHT

TU/e

Website

Innovation Academy

The Innovation Acadamy is the place for the valorization into an economic or societal application.

Valorization, or converting knowledge into an economic or societal application, demands an entrepreneurial attitude and knowledge of relevant business topics. The TU/e facilitates its staff and students in this valorization process. To this end they clustered all our studies and courses in a special study program: Innovation Academy.

MAIN ACTIVITIES

- Workshops
- Masterclasses
- Summer School

FOCUS

Courses for academics and scientist in effective collaboration with business and industry, successfuly write subsidy applications, entrepreneurship programs, workshops on request.

Contact: Monique Greve (Incubation Program Manager)
m.j.m.greve@tue.nl

BRABANT IS BRIGHT

TU/e

Website

Other Collaboration Possiblities TU/e

The TU/e is the place to be when you want to collaborate with students succesfully.

The TU/e is known for their excellent collaboration with industrial partners. Worldwide, they score high in the Times Higher education ranking when it comes to collaboration with industry. A position that they cherish and would like to develop further.

RECONFIRM

The driving force of the Consortium for the Erasmus+ traineeship mobility for students and graduates. (website)

JOINT ROADMAPS

Joint research with industry, in which their research institutes: EAISI, EIRES, ICMS, and IPI are leading. (website)

RECRUITMENT DAYS

Collaborative initiative of 10 Study Associations of the Eindhoven University of Technology. Year-round program full of innovation and excitement to help the new technical employees match with their dream employer. (website)

PROFESSIONAL EDUCATION

TU/e has the ambition to stimulate lifelong learning by creating lifelong learning programs to accommodate the learning needs of alumni, the wider society and the industry together with partners. (website)

Partner Examples:

ASML
PHILIPS
kpn
signify
DAF
POLITIE
ThermoFisher SCIENTIFIC
VANDERLANDE
PSV
EY Building a better working world
GE Healthcare
LOUWERS IP|TECHNOLOGY ADVOCATEN
nemo HEALTHCARE
PTG EINDHOVEN
SynTouch
TNO
Galaxy Global Supplier to Global Brands
SMART PHOTONICS
XELTIS
RHENUS LOGISTICS
pwc
Medtronic
VDL
neways
Frencken
Canon
TMC PEOPLE DRIVE TECHNOLOGY
NOVARTIS
DAMEN DAMEN SCHELDE NAVAL SHIPBUILDING

BRABANT IS BRIGHT

BRABANT IS BRIGHT

LOCATIONS:
- TILBURG,
- EINDHOVEN,
- 'S-HERTOGENBOSCH

EDUCATION:
BACHELOR'S AND MASTER'S DEGREES

Fontys University of Applied Sciences

Fontys facts and figures

STUDENTS
44,230

INTERNATIONAL STUDENTS
5,200

GRADUATES A YEAR
7,697

BACHELOR'S, MASTER'S, AND OTHER COURSES
477

2. FONTYS UNIVERSITY OF APPLIED SCIENCES

Summary

Fontys is one of the largest universities of applied sciences in the Netherlands and offers a range of bachelor's and master's degree courses in English. It has the largest contingent of international students in the Netherlands, with students from over 80 countries. The university offers 29 international bachelor's and master's degree courses in English, covering a wide range of fields, including **IT**, **engineering**, **fine** and **performance arts**, **marketing**, **business**, **communications**, and **physiotherapy**.

Fontys offers a wide range of opportunities for joint ventures with companies and regional partners, from finding the right intern for a job, offering traineeships, training and collaborating in student projects (such as having students test products, creating business innovations, or improving on manufacturing methods), using our lab facilities, and long-term research partnerships.

Institutes:
- Fontys institute of economics
- Fontys institute of education
- Fontys institute of people & society
- Fontys institute of technology & innovation

BRABANT IS BRIGHT

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SPARC | SHARING PLATFORM FOR APPLIED RESEARCH CO-OPERATION

Website

SPARC Innovation

SPARC is a cooperative, meaning an association of independent (ICT) companies that have bundled their strengths in SPARC. As a member, together with ICT students and professionals, you will explore which opportunities new technology offers for your company.

SPARC aims to initiate and accelerate ICT-related innovations. Members of SPARC submit research proposals that - after approval - are carried out as applied research within an educational context. Members of SPARC have the opportunity to work together with young technical talent on progressive ICT innovation.

MAIN ACTIVITIES

- Research
- Experimentation
- collaborative possibilities with other members

FOCUS

Digital Transformation technologies, such as: AI & Big Data, Interaction Design, Embedded Software, Virtual & Augmented Reality, Game Design, Cyber Security and Blockchain.

COSTS

€15,000.00

APPLICATION & DURATION

One year partnership

Contact: Suzanne S. van Kuijk (Program Manager) s.vankuijk@fontys.nl

+31 613654977

Website

Fontys Consultancy

Two consultancy firms run by a diverse set group of students from Fontys who assist companies in Eindhoven region

At Fontys Consultancy, students run their own consultancy firm where they carry out assignments for various clients. The goal of the consultancy firm is to be lend helping hand to SMEs in the Eindhoven region, whereby the group of students will help solve the problems the client is experiencing.

MAIN ACTIVITIES

Diverse consultancy services specialized in communication, advertising, financial services, business administration, commercial economics and tax law and economics.

FOCUS

At High Tech Campus Eindhoven, it concerns start-ups in the technological sector. Strijp-S concerns SMEs and non-profit organizations.

Contact: kelly.vanderheijden@fontys.nl
0885078829

Website

PITCH

A platform where healthcare innovation companies and healthcare providers work together with students and researchers at Fontys.

Both start-ups, scale-ups and corporate organisations can submit issues to students via PITCH and thus come into direct contact with the users and healthcare professionals of the future. Companies can have their healthcare technologies tested and researched without major investments by using the students' expertise.

MAIN ACTIVITIES

- Projects
- Testing technology

FOCUS

Quality Assurance & Control, Post-processing software, Simulations, eHealth, New Technology, care & aids.

Contact: Monica van Dam (Co-Founder)

pitch@fontys.nl

MAKE IT WORK

Website

Make IT Work

Educational program for working people without an IT background, wanting to change course in their career.

Make IT Work makes it possible for highly educated people without a specific IT background to retrain for an IT position at bachelor level and start in a job. Once the candidates successfully finish this program, they will possess the knowledge and skill to be employed as a software engineer.

MAIN ACTIVITIES

- Retraining program at Bachelor level
- Theoretical education
- Further practical training and education at employer

FOCUS

Software Engineering, BI & Data Analytics

COSTS

- For individual: €1,000.00
- For company: €6,000.00

APPLICATION & DURATION

- Duration: 1 year (5 months theory, 6 months practice)

Contact: Joris van der Straten
j.vanderstraten@fontys.nl

Website

Partners in Education (PiE)

Fontys University of Applied Sciences, Economics and Communication (FHEC) forms the window to a network of companies, organizations, students, teachers and researchers. The cooperation with the professional field ensures that full-time and part-time students can learn in the professional field.

MAIN ACTIVITIES

- Internships
- Projects
- Networking events

FOCUS

Finance, Management, Communication, Entrepreneurship

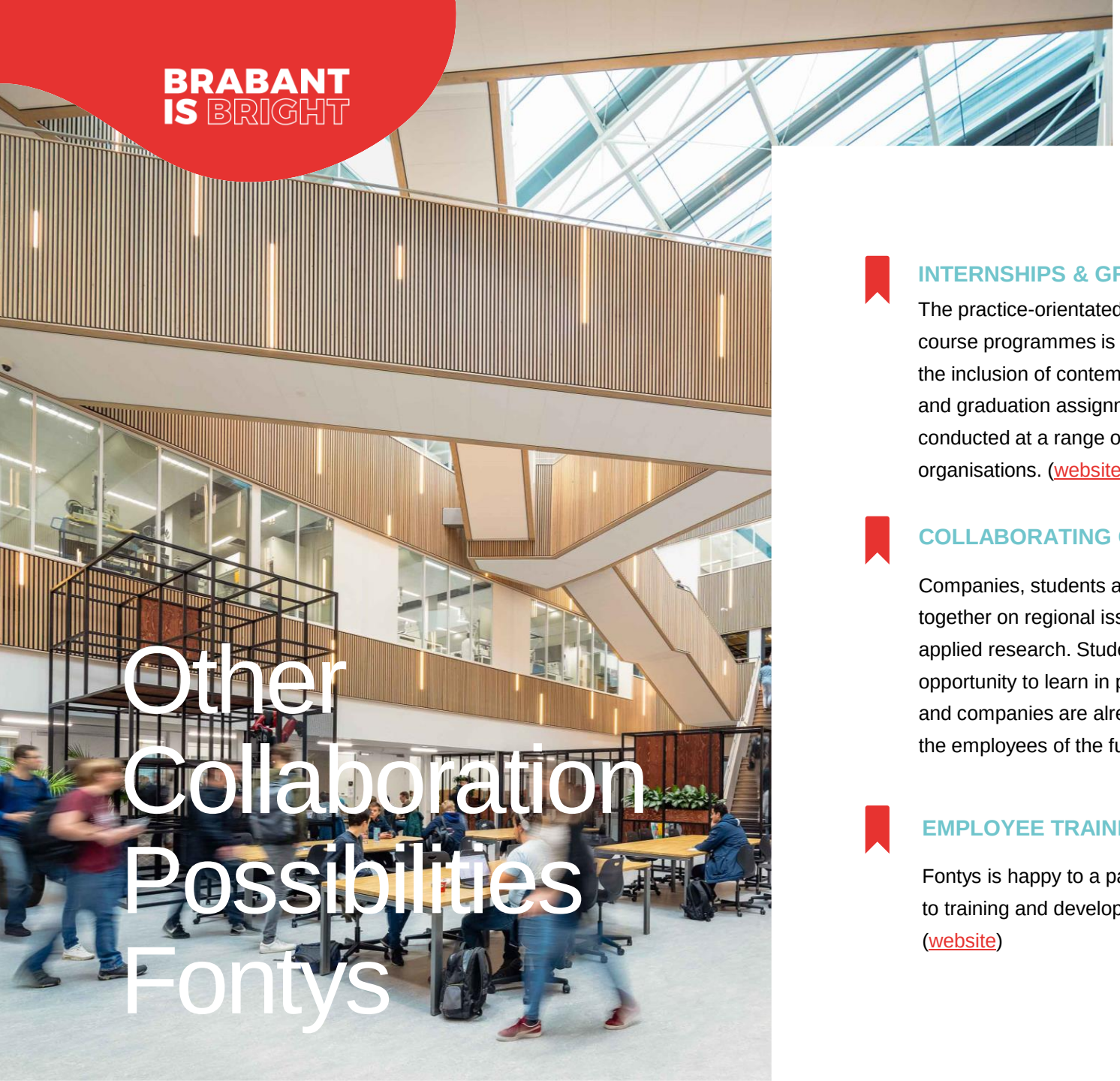
COSTS

Mutual benefits, companies help Fontys innovate their education methods etc. and companies get acces to talent

APPLICATION & DURATION

Multi annual, undefinite duration, yearly reviewed

Contact: Wim van Dooren
w.vandooren@fontys.nl



Other Collaboration Possibilities Fontys

Website

INTERNSHIPS & GRADUATION

The practice-orientated nature of their course programmes is made possible by the inclusion of contemporary internships and graduation assignments that are conducted at a range of businesses and organisations. (website)

COLLABORATING ON RESEARCH

Companies, students and lecturers work together on regional issues and conduct applied research. Students are given the opportunity to learn in professional practice and companies are already introduced to the employees of the future. (website)

EMPLOYEE TRAINING

Fontys is happy to a partner when it comes to training and developing employees. (website)

CAREER EVENTS

Fontys organizes events to bring companies into contact with young professionals and practical assignments. And to network with all the Partners in Innovation and Education of FHEC and other companies.

CVO

The Fontys Center for Entrepreneurship (CvO) supports and stimulates student entrepreneurs when necessary, in the field of entrepreneurship. It has created an environment where students are supervised and coached when starting their own business. (website)

Partners

Atos
embedded fitness
Sue
ionbond THE SURFACE ENGINEERS™
Sligro
PSV
SVB
Ministerie van Defensie
infoland
EINDHOVEN
CTOUCH® The power to engage
simac
GAC BUSINESS SOLUTIONS a Broad Horizon company
IT·WORKZ.NL Leren, verbinden, innoveren
here
BIERENS INCASSO ADVOCATEN
HAUZER
axians
HLB WITLOX VAN DEN BOOMEN ADVISEURS & ACCOUNTANTS
Additive Industries
Vion FOOD GROUP
BDO
COMARCH Healthcare
PHILIPS
ÖSSUR LIFE WITHOUT LIMITATIONS
GE Healthcare
SINCE 1924 NESKRID
HULAN
INMOTIONVR
SAFE LASER®
WAVY
novioscan wearable ultrasound care
MedApp
QRS | ONEMED
embedded fitness

BRABANT IS BRIGHT

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LOCATION:
- TILBURG

EDUCATION:
BACHELOR'S AND MASTER'S DEGREES

TILBURG UNIVERSITY

Fontys facts and figures

STUDENTS
19,334

INTERNATIONAL STUDENTS
3,711

PROGRAMS OFFERED IN ENGLISH
35

PROFESSIONAL AND EDUCATIONAL STAFF
1,500

BACHELOR'S, MASTER'S, AND OTHER COURSES
73

3. TILBURG UNIVERSITY

Summary

Tilburg University has a culture of cooperation and co-creation, whether at a local, regional, national, or international level. The institution shares knowledge and cooperates on research, innovation, and solutions to the challenges facing society. These cooperative ventures take on different forms – individual researchers, institutes, research programs, as part of courses and in partnerships as well as, of course, with the students.

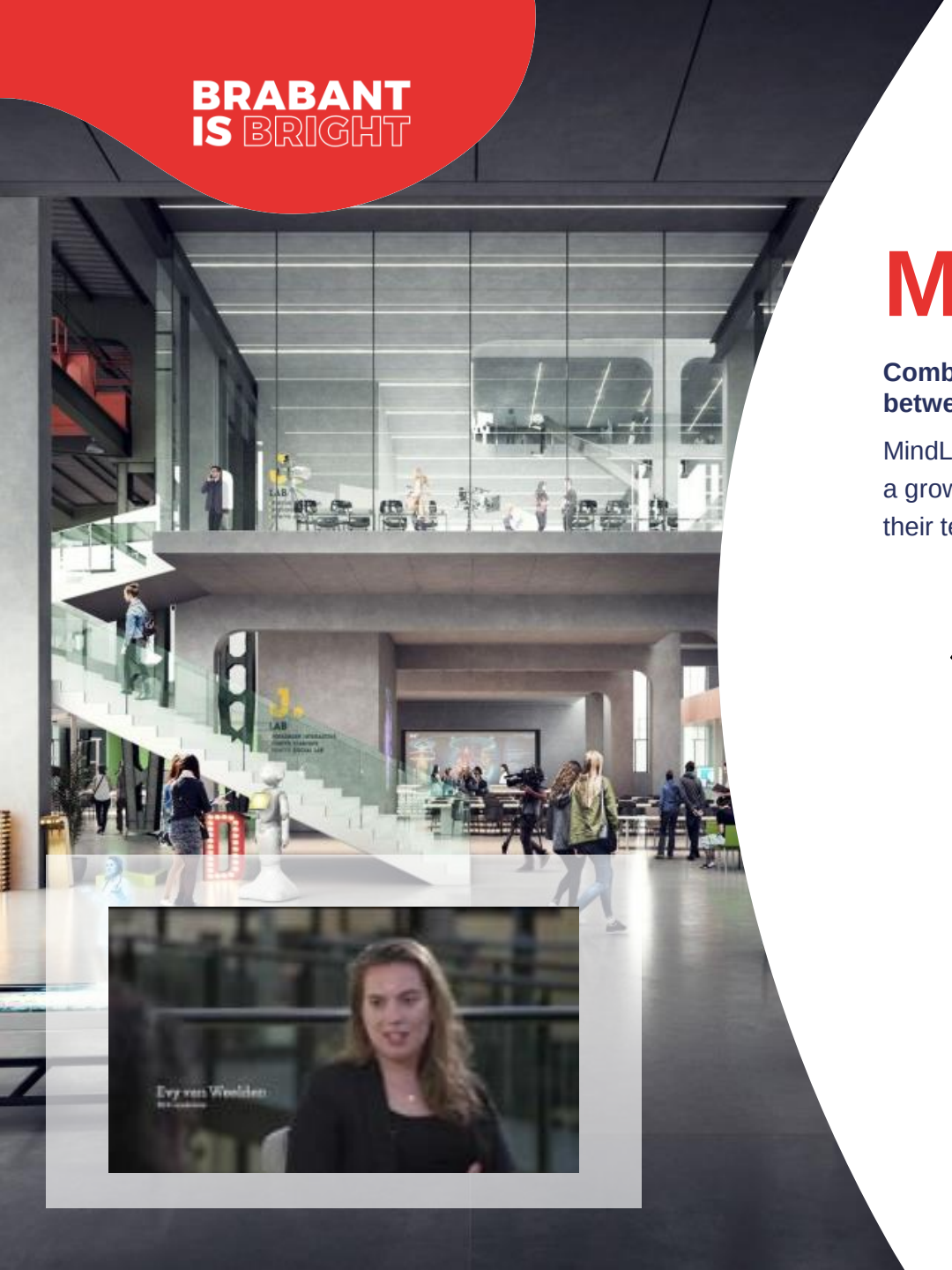
Each year, some 4,000 students graduate from the university and embark on their careers. These graduates often start out looking for traineeships or companies where they can complete their studies by doing their master's thesis while working. Their Career Portal offers a platform for companies, organizations, and students to network. In order to streamline the on-campus recruitment process, companies can enter into partnerships with all the relevant university stakeholders.

The education programs are centered around:

- Economics & management
- Law
- Social and behavioral studies
- Humanics
- Theology
- Business & society

BRABANT IS BRIGHT

BRABANT IS BRIGHT



MINDLABS

Website

MindLabs

Combining knowledge and application of interactive technologies with entrepreneurship. The interaction between

MindLabs is a partnership involving knowledge institutions, including Tilburg University, governments and a growing company of business partners, social institutions and startups. With the unique capabilities of their technologies, partners aim to help solve societal challenges.

MAIN ACTIVITIES

- Projects on societal challenges
- Events

FOCUS

- Virtual, mixed & augmented reality
- Natural language and data processing
- Robotics & avatars
- serious games & learning.

COSTS

Senior partners: 15.000 Euros p/y

Scaleup partners: 5000 Euros p/y

Startup partners: Free

APPLICATION & DURATION

- 2 - 4 years, also dependant on needs of companies

Contact: : karin.croes@mind-labs.eu
+31651710284

Other Collaboration Possibilities Tilburg University

Website

JOINT RESEARCH

Collaboration with students, scientist, scholars, and more than 40 research institutes via contract research. (website)

TILBURG UNIVERSITY SOCIETY

Tilburg University Society connects the worlds of public administration, politics, business and science through thematically oriented activities. (website)

COMPOSE

In the COMPOSE project, Tilburg University, together with the trade association evofenedex, is developing a digital platform on which companies can better find each other to enter into strategic partnerships. (website)

CAREER PORTAL

he Career Portal is the digital marketplace for internships, graduation assignments and starter positions. This is where Tilburg University brings its students and employers together. Look in the Career Portal for internships, graduation assignments and starter positions. (website)

CAREER EVENTS

Study and student associations organize various career events to familiarize yourself with the labor market. Examples include careers fairs, excursions, information meetings, study afternoons, and conferences. (website)

Partners

kpn
Unilever
bol.com
buma·stemra
brandloyalty
NWO
pwc
evofenedex
ASML
Deloitte.
AON
Capgemini
ING
de lage landen
DSM
KLM
Rabobank
PHILIPS

BRABANT IS BRIGHT

BRABANT IS BRIGHT

LOCATION:
- 'S-HERTOGENBOSCH

EDUCATION:
BACHELOR'S AND MASTER'S DEGREES

JADS Jheronimus Academy of Data Science

JADS facts and figures

STUDENTS

1.500 / 2.000

FUNDAMENTAL LABS

6

NATIONALITIES

30

IN PDENG PROGRAM DATA SCIENCE

77 trainees

PROFESSIONAL EDUCATION CERTIFICATES

JOINT DEGREES DATA SCIENCE AND ENTREPRENEURSHIP

4. JHERONIMUS ACADEMY OF DATA SCIENCE

Summary

JADS is a unique concept, both in the Netherlands and in Brabant. Data science can be studied, analyzed, and applied in three different locations (the Eindhoven University of Technology, Tilburg University, and Mariënburg Campus in 's-Hertogenbosch) through degree programs, Professional Doctorate in Engineering (PDEng) programs, and at data science centers. This unique partnership between the province of Brabant, the 's-Hertogenbosch municipality, Tilburg University and the Eindhoven University of Technology creates a new knowledge infrastructure that puts Brabant at the very center of future developments.

APPLICATION AREAS

- Social & Digital Entrepreneurship
- AgriFood and Nature
- Crime & Safety

BRABANT IS BRIGHT

BRABANT IS BRIGHT

JADS PLAYGROUND

Website

JADS- Playground

JADS Playground: data science startup incubator

The Playground is the startup incubator within JADS. We aim to help students to get their startup off the ground. While focusing on JADS student, the Playground is an open incubator meaning that students from other universities and working professionals who are interested in data science and entrepreneurship are also welcome.

MAIN ACTIVITIES

- Workshops: validate your problem, customer discovery, prototyping, elevator pitching, getting funding and more.
- Presentations: successful entrepreneurs sharing their experiences.
- Funding: the Playground does not provide funding but has a network of VC's and organizations that do invest in early-stage startups..
- Coaching: if you need to reflect your thoughts or want to discuss how to tackle a problem, you can do so with one of our coaches.
- Community and Network: it's important to develop a strong network and mingle with like minded people. Therefore, we organize meetups where you can meet others in an informal setting.

COSTS

- EUR 175 per month to rent flex places for early startups (max. 4 persons)
- Participation corporate challenge: 7000 Euros

APPLICATION & DURATION

- Rent contract: 12 months, with option to renew
- Corporate challenge: project of 10 weeks

Contact: Jonie Oostveen
b.j.oostveen@jads.nl, 06 27907691

BRABANT IS BRIGHT

mkbdatalab

Website

JADS MKB Datalab

The JADS MKB Datalab supports Dutch SMEs who want to make the transition to a more data driven way o working.

The JADS MKB Datalab carries out projects with SME entrepreneurs and Data Science students. In addition, we offer various tools to help you define a Data Science project with impact, such as workshops, a Data Maturity Scan and a Data Project Canvas.

MAIN ACTIVITIES

- Projects
- Workshops
- Tools

FOCUS

Data Science, Entrepreneurship

COSTS

EUR 2750

APPLICATION & DURATION

80h projects

Contact: Koen Franken
k.franken@jadsmkbdatalab.nl

Testimonial

BRABANT IS BRIGHT

JADS Jheronimus Academy of Data Science

Website

Data Entrepreneurship in Action (DEiA)

Challenge a business idea and work with students in real-life cases from your organization.

Within the DEiA course, students in multiple teams of 4-5 students work intensively for 6 months on a case of your organization. During the DEiA program, there is contact between students and your organization at various times, during which the progress of the project is discussed and new findings are shared. In this course, both students and your organization are challenged in a unique, positive way, which leads to concrete results and new insights.

MAIN ACTIVITIES

- Projects (real life cases)

FOCUS

Data- engineering and analytics, Entrepreneurship

COSTS

EUR 5.000 per module

APPLICATION & DURATION

- 6 months

Contact: Sandra van den Poll
s.j.f.v.d.poll@jads.nl, +31 615688721

BRABANT IS BRIGHT

JADS Jheronimus Academy of Data Science

Website

PDEng in Data Science

Design and develop data driven decision-making processes based on real, actionable data for your organization.

The PDEng program Data Science offers an interdisciplinary learning environment devoted to professional training in knowledge, skills, and competencies that are required of a data scientist at doctorate level. The program aims to broaden and specialize the professional profile of students in a personalized way.

MAIN ACTIVITIES

- Short projects
- Case studies
- Data challenges

FOCUS

The program integrates the fundamental elements of the data science process: preparation, exploration, analytics, visualization, mining, and business intelligence, from a design perspective.

COSTS

EUR 6.000 p/month

APPLICATION & DURATION

10-12 months, starting date is flexible

Contact: Sandra van den Poll
s.j.f.v.d.poll@jads.nl, +31 615688721

Testimonial

BRABANT IS BRIGHT

Other Collaboration Possibilities JADS

JADS

Website

PHD PROJECTS

Various PhD research projects are active within JADS. A project with a PhD regularly has a duration of 4 years and is a long-term commitment in valuable research. (website)

THESIS ASSIGNMENT

Your organization can get an answer to a complex question via a MSc thesis assignment. Within a scientific framework based on independent research, a Master student will provide new insights and a valuable outcome. (website)

JOIN JADS COMMUNITY

JADS aim is to play a key role in building a new ecosystem and accelerate the data driven economy in The Netherlands. They do this by connecting data science and entrepreneurship in many ways. (website)

DATA SCIENCE FOR PROFESSIONALS

Unlock the power of Data Science for your organization with JADS need-based education modules. Join the discovery, execute or lead tracks and learn how to create value with data for your organization. (website)

DATA SCIENCE DAYS

JADS students are in demand on the job market. At their career events, they offer companies different opportunities to present themselves in different ways or to seek interaction with students. (website)

Partners

Vion
RAZU
via
THE OCEAN CLEANUP
Naturalis Biodiversity Center
efteling
NETFLIX
Coca-Cola
máxima mc
essent
Rabobank
ASML
PHILIPS
KPMG
POLITIE

BRABANT IS BRIGHT

BRABANT IS BRIGHT

LOCATIONS:
- TILBURG,
- BREDA,
- ROOSENDAAL,
- 'S-HERTOGENBOSCH

EDUCATION:
BACHELOR'S AND MASTER'S DEGREES

avans university of applied sciences

Avans facts and figures

STUDENTS
35,083

RESEARCH FIELDS
10

LOCATIONS
13

CENTERS OF EXPERTISE
6

RESEARCH GROUPS
25

PROFESSIONAL STAFF
3,300

5. AVANS UNIVERSITY OF APPLIED SCIENCES

Summary

Avans is a university of applied sciences that develops talent by helping future graduates to become highly qualified professionals, people that continue to grow personally and professionally and who have a sense of social responsibility, whether on a local or international stage. The university aims to contribute towards shaping and achieving regional social, cultural, and economic development by entering into sustainable partnerships with regional companies, public agencies and organizations to develop, share, and generate knowledge and conduct practice-based research. Avans offers courses in economics and business, engineering, society and behavioral science, healthcare, science and technology, arts and culture, law and governance, education, earth and environment and language and communications. The university is part of many collaborative ventures with both regional and international businesses, industries, social organizations and public agencies, and actively seeks out new ones.

Avans offers programs in:

- Economics & business
- Engineering
- Society & behavioral science
- Healthcare
- Science & technology
- Language & communications
- Arts & culture
- Law & governance
- Education
- Earh & Environment

BRABANT IS BRIGHT

BRABANT IS BRIGHT

AOC

Website

Entrepreneurial Center

The Avans Entrepreneurs Centre is the starting point for innovation and entrepreneurship.

The entrepreneurial centre helps entrepreneurs to develop a smart idea or their ambition to grow. And they support students and teachers in starting their own business or the further development of their own company. Professors and lecturers share their knowledge and expertise. Entrepreneurs get new insights, solutions or inspiration. The Entrepreneurial Center is comprised of multiple centers of expertise aimed at tackling specific issues in today's society.

MAIN ACTIVITIES

approach issues in a multidisciplinary manner. Researchers, lecturers, lecturers and students work together with you to develop an idea into a product or service, through: (graduation) internships, projects, experiments, research, and consultancy.

FOCUS

Avans is a knowledge partner at various campuses in the field of automotive, agrifood, logistics, high-tech systems, life sciences, creative industry, chemistry and maintenance.

COSTS

Depending on the project (inkind also possible)

Contact: Leon Kuijpers,
ltgp.kuijpers@avans.nl, 0624438162

BRABANT IS BRIGHT

AOC

Technical Innovation Center

This center of expertise is a collaboration of the technical programs within the Entrepreneurial Center of Avans. The center is focused on realizing technical innovations for a more sustainable world. Within the center lecturers, researchers, professors and students do practical research on the development of the Resilient City. The research done is requested by partnercompanies of the Center.

RESILIANT CITY

The main issue tackled by the Technical Innovation Center is the development of the Resiliant City. Research is done on making cities more sustainable.

This subject is identified as important due to the increasing urbanization, energy transition, scarsity of materials and waste of materials. The research areas of the center are circular economy, robotization, and the creation of smart cities.

COLLABORATION

The Center is working together with technical universities, universities of applied sciences, and partner companies.

Contact: Leon Kuijpers,
ltgp.kuijpers@avans.nl, 0624438162

BRABANT IS BRIGHT

AOC

Biobased Economy Center

This Center of Expertise within the Entrepreneurial Center, helps companies in their biobased ambitions. Together with these organizations, the Center wants to renew education and do research that is relevant in transitioning to a biobased society. The research and projects are conducted on request of partnercompanies.

BIOBASED ECONOMY

It is expected that there will be a rise in demand for professionals in the biobased sector. This will mostly be in chemical technologies. Therefore, the Biobased Economy Center is training students to fill this gap.

Together with professors, researchers, professionals and the government, the center wants to share knowledge to realize the transition to a biobased economy

COLLABORATION

This center is a collaboration between Avans and HZ University. The Biobased Economy Center is active in the National Biobased Knowledge Network, which is a unique platform for biobased education, research and valorization.

Contact: Leon Kuijpers,
ltgp.kuijpers@avans.nl, 0624438162

BRABANT IS BRIGHT

AOC

Website

Avans Innovative Studio

Innovation is central to the Avans Entrepreneurial Centre.

Avans Entrepreneurial Centre contributes to solving social, economic and societal innovation issues. They do this for profit, non-profit and government organizations. For multinationals, SMEs and independent entrepreneurs.

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INNOVATIVE STUDIO

Within Avans Innovative Studio, interdisciplinary teams of students work together with lecturers and experts from the business world on practical solutions for broad social issues. The teams turn ideas into tangible solutions. They research, make, test, improve and thus arrive at a working prototype within 2 to 3 weeks.

CO-CREATION

The partner company will put input in the project by deploying an expert in the studio from whom the students can learn. Together with the students and professors, the employee will develop, test and realize the new creative project.

BRABANT IS BRIGHT

avans hogeschool

Website

Other Collaboration Possibilities Avans

Collaboration with Avans can provide new insights, concrete solutions, or inspiration.

Collaboration with Avans University of Applied Sciences is possible for a short or longer period of time, incidentally or regularly. They translate your question into a suitable practical assignment. Students, professors, researchers and lecturers work together with you to develop this, resulting in a new idea, product or service. Avans can also carry out a market or feasibility study.

AVANS CONNECT

Connect is the gathering place of supply and demand between education and practice. Meet your future employees in the Meet & Greet room. And work directly with them. (website)

AVANS+

Avans+ focuses on professionals who want to develop. Wanting to be successful, growing in their work and as a person. (website)

INTERNSHIP & GRADUATION

You get a young professional who looks at your company with fresh eyes. Our student will learn at your company what it is like to work in the industry. (website)

CAREER EVENT

Students from IFM, BE, IBM, CE, AC, BKM and HRM introduce themselves to dozens of companies during the Career Event. Every speed date can provide a nice internship or graduation assignment. There are also workshops that prepare students for graduation and future careers. (website)

MUTLIDISCIPLINARY EXPERIENCE

During the Avans Multidisciplinary eXperience (AMX), third- and fourth-year Avans students spend a week looking for innovative solutions for your cases. AMX is a multidisciplinary project week in which you work with students from other study programs on a real-life, current case of a company or institution. (website)

Partners

wwa

Colla Robots
www.collarobots.com

Gemeente Breda

SYNCHRON
Laboratory automation & engineering

REWIN

ROBOTICS

BRAVENTURE
BE BRAVE, BUILD YOUR BUSINESS

ZOLDER
applied security research

3DMIX
industrial solutions
onderdeel van Dimix

PEETERS
robotic solutions

pliant
partner in technical solutions

Lab Services
laboratory automation

Skalar

FMI ImProvia

AMT
group

cboost

GROWCAMPUS

AgriFood Capital

BRABANT IS BRIGHT

BRABANT IS BRIGHT

LOCATION:
- BREDA

EDUCATION:
BACHELOR'S AND MASTER'S DEGREES

avans university of applied sciences

Avans facts and figures

STUDENTS
35,083

RESEARCH FIELDS
10

LOCATIONS
13

CENTERS OF EXPERTISE
6

RESEARCH GROUPS
25

PROFESSIONAL STAFF
3,300

5. BREDA UNIVERSITY OF APPLIED SCIENCES

Summary

Avans is a university of applied sciences that develops talent by helping future graduates to become highly qualified professionals, people that continue to grow personally and professionally and who have a sense of social responsibility, whether on a local or international stage. The university aims to contribute towards shaping and achieving regional social, cultural, and economic development by entering into sustainable partnerships with regional companies, public agencies and organizations to develop, share, and generate knowledge and conduct practice-based research. Avans offers courses in economics and business, engineering, society and behavioral science, healthcare, science and technology, arts and culture, law and governance, education, earth and environment and language and communications. The university is part of many collaborative ventures with both regional and international businesses, industries, social organizations and public agencies, and actively seeks out new ones.

Avans offers programs in:

- Economics & business
- Engineering
- Society & behavioral science
- Healthcare
- Science & technology
- Language & communications
- Arts & culture
- Law & governance
- Education
- Earh & Environment

BRABANT IS BRIGHT

6. Breda University of Applied Sciences (BUAS)

Summary

A strong element in BUAS's community is the diversity and the cross-cultural environment. This diversity is not just reflected in their international community, but also in their domains. Although each of these have their own specific identity, they are related to each other as well. This encourages the creation of connections and crossovers.

BUAS offers programs in:

- Games
- Media
- Hospitality
- Facility management
- Logistics
- Urban environment
- Tourism
- Leisure & events

Breda University of Applied Sciences is a university with a strong international focus. The institute caters to more than 7,000 students from over hundred countries. Breda UAS offers professional and academic Bachelor's and Master's programmes.

Breda University OF APPLIED SCIENCES

BRABANT IS BRIGHT

Breda University OF APPLIED SCIENCES

Website

Innovation Square

A strong connection between key industry partners and innovative strength.

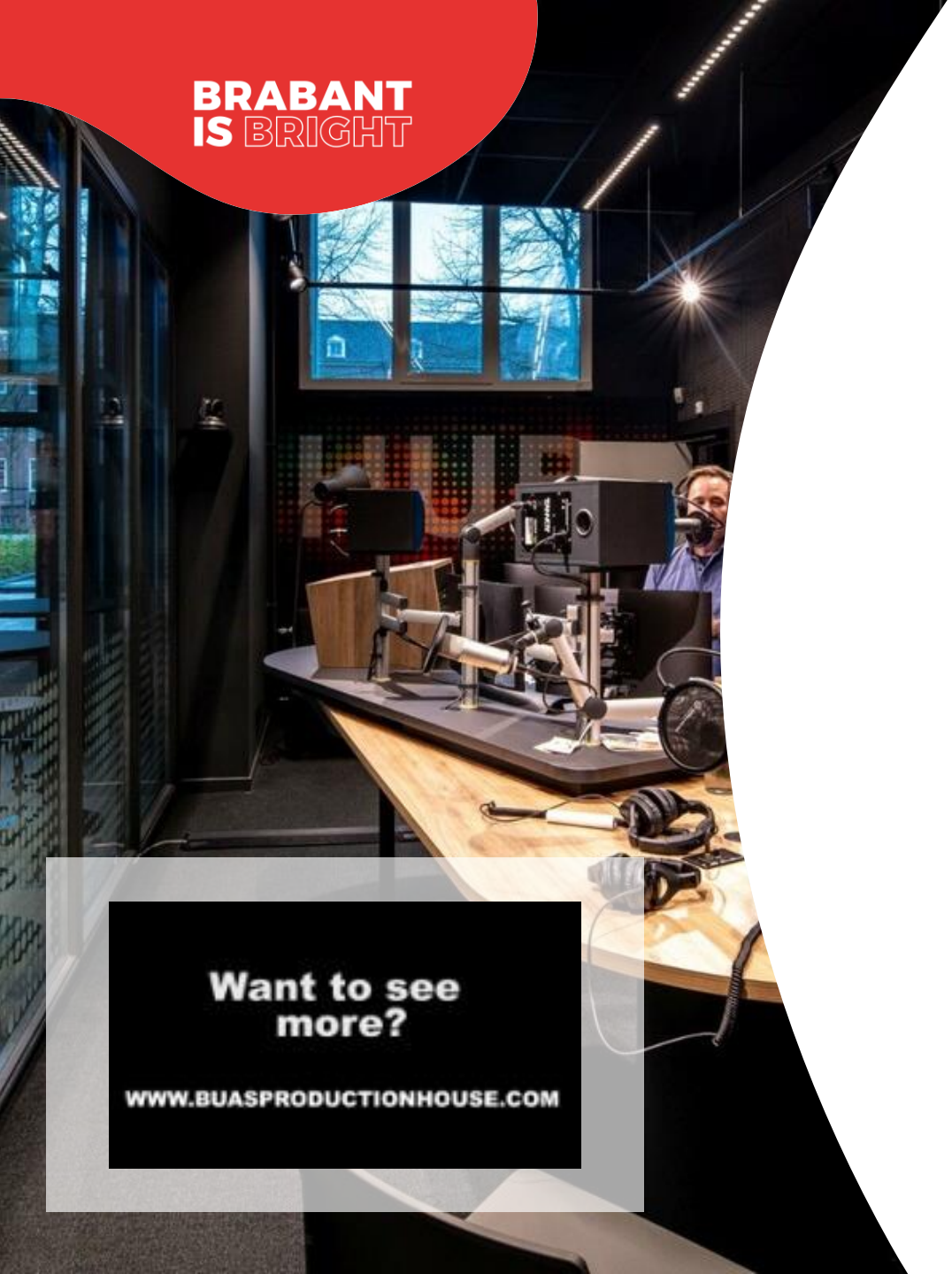
A strong connection with industry partners and education are needed to bolster innovation. That is why, in interaction with the industry, BUAS encourages creativity and innovative thinking in all sorts of ways. BUAS wants to achieve all this by bringing everything together at Innovation Square. This is where they encourage students, lecturers and researchers to explore new opportunities, engage in entrepreneurship, and seek cooperation with the industry.

MAIN ACTIVITIES

- Projects
- Workshops & training courses
- Events
- Webinars
- Possibility to rent office or flexible workspace

FOCUS

Built Environment, Data Science & AI, Facility, Games, Hotel, Leisure & Events, Logistics, Media, Tourism, and Imageenering



PRODUCTION HOUSE
Production House Company, by Breda University of Applied Sciences

Website

Production House

A great environment where media services is being provided by creative and passionate students.

Their process consists of three main stages. 1st one is preproduction where students meet their clients. During this phase, the Client introduces what service he wants, and students start with setting objectives and preparing project management documentation. In the production phase students start working on brain storing of ideas, starts filming, writing preparing project documentation. In the postproduction phase, students finalize documentation, prepare a presentation and deliver documents to a client.

MAIN ACTIVITIES

- Projects

FOCUS

Audio Visual, Marketing, Publishing, Design Experience, Interactive, Television, Radio, and HUB

COSTS

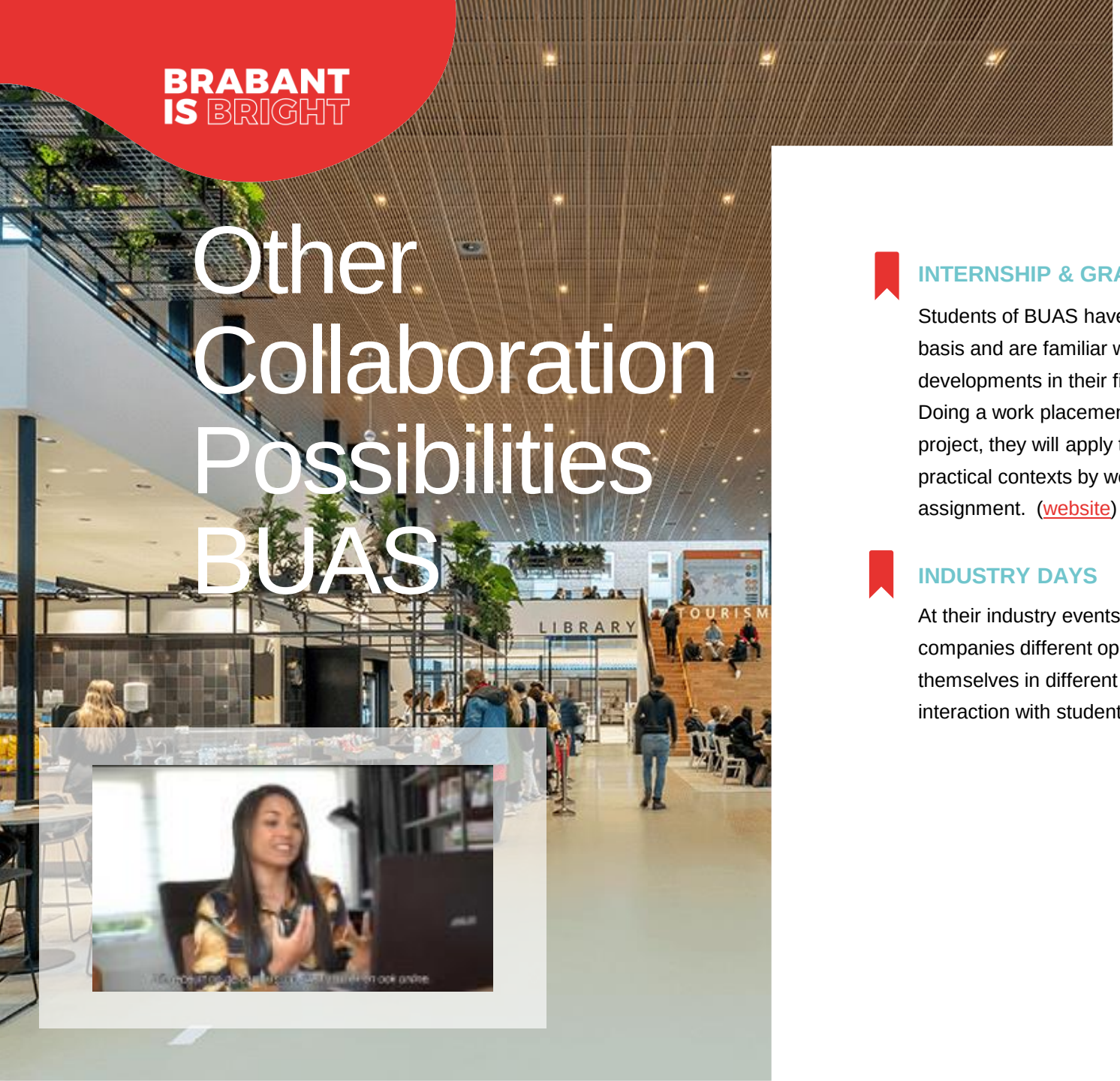
Most projects are for free, however it could appear that small expenses like travel costs come as a fee for the service.

BRABANT IS BRIGHT

Breda University OF APPLIED SCIENCES

Website

Other Collaboration Possibilities BUAS



INTERNSHIP & GRADUATION

Students of BUAS have a solid theoretical basis and are familiar with the latest developments in their field of expertise. Doing a work placement or graduation project, they will apply their knowledge to practical contexts by working on your assignment. (website)

INDUSTRY DAYS

At their industry events, BUAS offer companies different opportunities to present themselves in different ways or to seek interaction with students.

TRAINING FOR PROFESSIONALS

Lifelong learning is needed to keep up with developments in society. BUAS executive programmes and courses for professionals are provided by lecturers with extensive experience in the industry (website).

Partners

BRABANT IS BRIGHT

7. HAS

Summary

HAS University of Applied Sciences offers bachelor's degree courses to both Dutch and non-Dutch students, with the focus on agribusiness, food, and the urban environment. It is an independent university that works actively with local and international companies, and it focuses on business education with a very strong hands-on approach. Students and staff alike learn from these real-life experiences

HAS offers programs in:

- Geo media & design
- Urban environment
- International food and agribusiness
- Horticulture & arable farming
- Applied biology
- Food technology & innovation
- Animal husbandry
- Animal care

HAS Den Bosch has more than 3,600 students; 80% of its graduates start careers in the business world, a quarter of them as managing director-owners. In 2018 HAS has been - appointed the best specialized UAS in the Netherlands for the agrifood and environment sectors.

has hogeschool

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Collaboration Possibilities HAS

Website

INTERNSHIP & GRADUATION

Students actively look for a place to do the internship themselves. They have a home-base at the internship company, here they experience all aspects of the company and at the same time carry out an assignment. Supervision of the student takes place by the internship company. (website)

RESEARCH PROJECTS

knowledge groups within HAS make connections in socially relevant areas between education, professional practice and practice-oriented research. In this way they strengthen the external orientation, knowledge development and knowledge circulation. (website)

CAREER DAYS

It is important to bring employers and students into contact with each other in the agro, food and living environment sector, in order to form a picture of their future employment prospects. HAS does this in the form of a market/exhibition. (website)

COMPANY EXCURSIONS & GUEST LECTURES

Each year HAS faculty members invite visiting professors to lecture in the framework of their courses. (website)

COMPANY ASSIGNMENT

Project approach, objectives and results are laid down in a contract between HAS University and the customer. Thanks to this formula businesses profit from a multidisciplinary expertise, broad know-how and enthusiastic young professionals. (website)

has hogeschool

Partners

ABN·AMRO

ARVALIS Institut du végétal

BASF We create chemistry

DSV

Fancom® forward thinking

greenhabit

Hotraco Group the system creators

innoplus

LambWeston SEEING POSSIBILITIES IN POTATOES

Light4Food

MICROFAN® dynamic solutions

personato WERVING EN SELECTIE

Pure Ingredients

Hoeve Boveneind

BRABANT IS BRIGHT

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