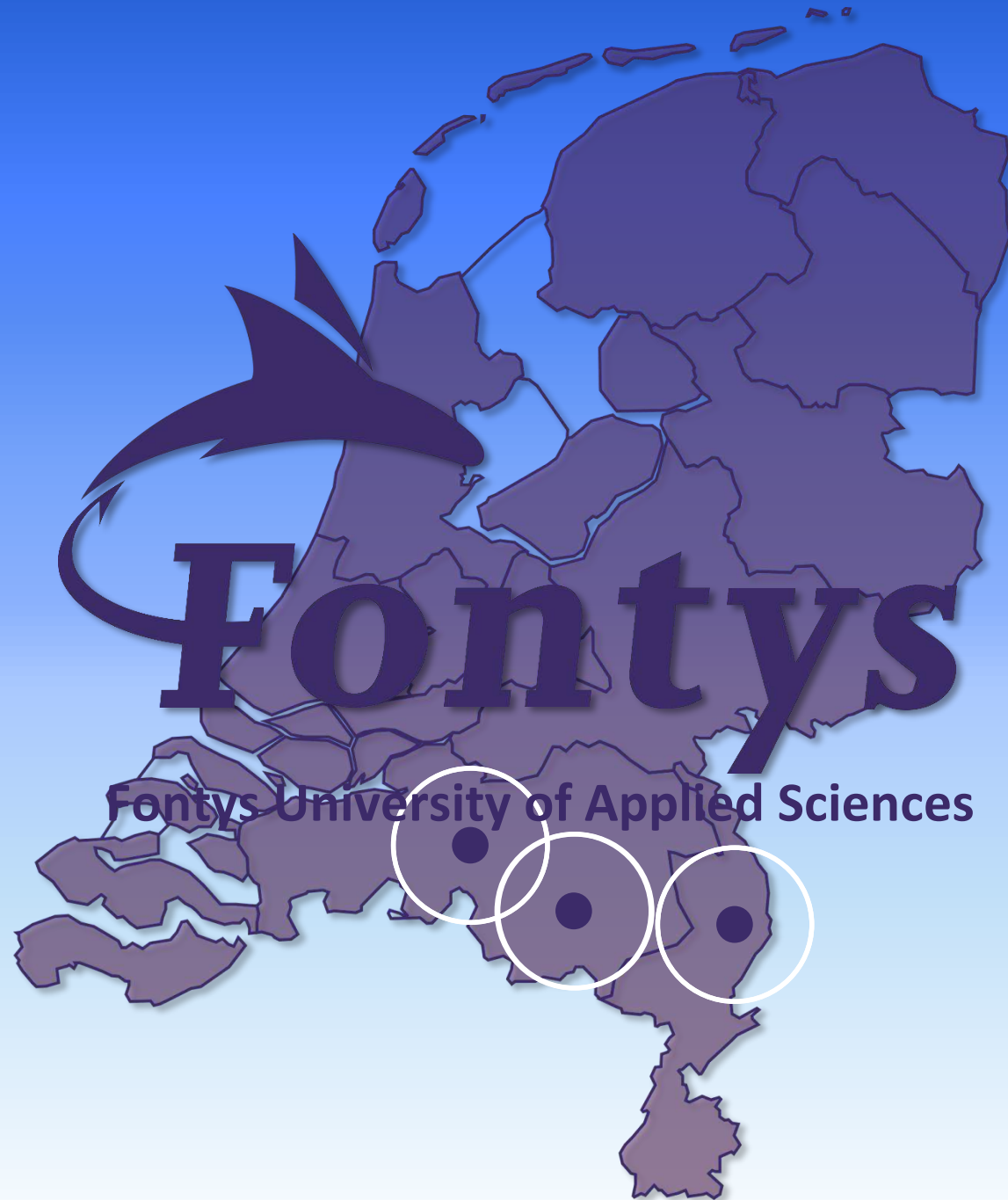




Fontys University of Applied Sciences







The background of the image shows a clear blue sky over a university campus. In the foreground, there is a large, abstract, purple sculpture on a grassy area. In the background, a modern university building with large windows and a parking lot with several cars are visible. The Fontys logo, a stylized white 'F' with a flame-like shape, is positioned behind the text.

Knowledge Development Innovation Inspiration

Fontys University of Applied Sciences

A dynamic source of

The background of the image shows a park-like setting with a large, abstract purple sculpture on the left. In the distance, there is a multi-story building with a green roof and several cars parked in a lot. The sky is clear and blue.

THINK

Fontys



FACTS

40.000

4.000

C

THINK
Fontys

44.000 students

4.400 members of staff

course programmes covering
every imaginable field

28 individual institutes

85 BACHELOR PROGRAMMES

40 Masters

11 Associate Degree programmes
Additional courses and
trainee programmes

39 LECTORATES

PHILOSOPHY

You want to
achieve ~~the~~ more
THINK
every day
different
bigger
latently



PHILOSOPHY

Explore, pioneer
Exploit the full potential
Extract the maximum

PHILOSOPHY

To students



And to
partners
on a global
scale



Get the best out of you
and your
Take a longer view



To staff



To relevant
stakeholders

PHILOSOPHY

To students

We give a lot - but expect much in return



Our graduates

*And to
partners
on a global
scale*

- Are highly qualified
- Are inspiring



- Can develop and share knowledge
- Have a relevant network



*To relevant
stakeholders*



To staff



PHILOSOPHY

We

focus on quality

We

To

contribute to the
development and
nurturing of talent

a development and
awareness of values

Preparing students for professional
practice... and for life.

EDUCATION



- Fontys is innovative and practice-based
- Applied research distinguishes us from educational institutes doing scientific research



Thanks to collaboration and consultation

We minimise the gap between education and professional life

And stay in the forefront of academic developments

OPERATION

Well-known in all parts
of the world

From a range of fields, a powerful innovative
player in a European and
global context



strong supporter of
interdisciplinary collaboration



educational institutions



and civil society
organizations

Right in the centre of

- Brainport, our industrial heart
- Midpoint, center of social innovation
- Greenport, top region for entrepreneurs



TILBURG

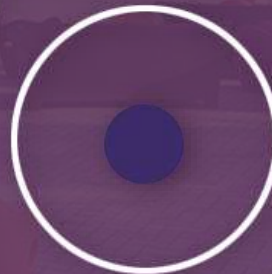


EINDHOVEN



VENLO

Let the region do what it is best at
business and technology
borderline institutes





Internationalisation contributes
to the speciality knowledge
and research in institutes

It enriches our curriculum

It prepares students for the
international professional
practice

It inspires and internationalises
our teachers and staff



Embedded in the region
Switzerland and Uruguay
For 45 years
Excelled outside the school walls

Contributing to the economy and society

Brazil
Morocco
India
Poland
Czech Republic



**THINK
BIGGER**

Growth Challenge



**THINK
BIGGER**

**THINK
BIGGER**



Jeroen de Kort

**ICT & Software
Engineering**

**Software and Education
for Professionals**

Mark Mestrom

**ICT & Software
Engineering**

**Software and Education
for Professionals**



Eindhoven Brainport

THINK
BIGGER

Eindhoven Brainport

Hotspot for Innovative Technology *“Silicon Valley of Europe”*

International & Dutch technical talent

Nr 1 region in The Netherlands in economic growth



High Tech Campus

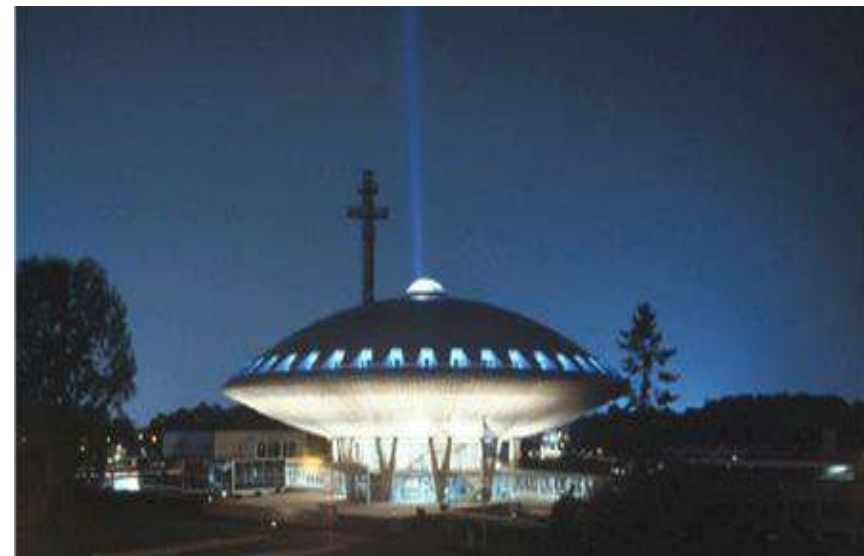
Innovative Technology companies - Tech hubs

Philips, ASML, Accenture, VDL, R&D

High Tech start ups

Technical University Eindhoven (TuE)

Research & Development



- Leading and innovative institute offering attractive and professional education in ICT.
- Predicate **“Excellent”** from Dutch Accreditation Committee.
- 3.600 students approx: 2.800 Dutch & 850 from 35 countries.
- 225 personnel
- Close cooperation with some 75 ICT-enterprises in the area, e.g. DAF, Philips, Atos etc.
- Centres of expertise: Embedded Systems, Interaction Design, Cyber Security, Serious Games, Open Educational Recourses, Virtual Reality and Big Data.



School of ICT - Partners in Education



THINK
BIGGER

Didactics

- Practical orientation, learning by doing
- Interactive classes
- Real life problems, semester based
- With intensive support from teachers
- Together with other (foreign) students
- > 40 international Partner Universities
- Increasing project size & complexity
- 21st Century Skills, entrepreneurship



THINK
BIGGER



#FHICT aims at:

creating education

for **every** possible (emerging) IT market

RAPIDLY



School of ICT- Bachelor of Information and Communication Technology

**THINK
BIGGER**

4 Year programme

Core Body of Knowledge



2 Internships in a company -
5 months each



**THINK
BIGGER**

SPECIALIZATIONS



ICT & INFRASTRUCTURE



ICT & BUSINESS



ICT & MEDIA DESIGN



ICT & TECHNOLOGY



ICT & CYBER SECURITY



ICT & SOFTWARE
ENGINEERING



ICT & SMART MOBILE



ICT & EDUCATION



ICT & APPLIED
DATA SCIENCE



ICT & ARTIFICIAL
INTELLIGENCE



ICT & GAME DESIGN
AND TECHNOLOGY



PERSOONLIJKE
LEERROUTE

THINK
BIGGER

MINOR / EXCHANGE PROGRAMMES

Embedded Systems

Digital Experience Design

Data Driven Business Lab (ERP & BI)

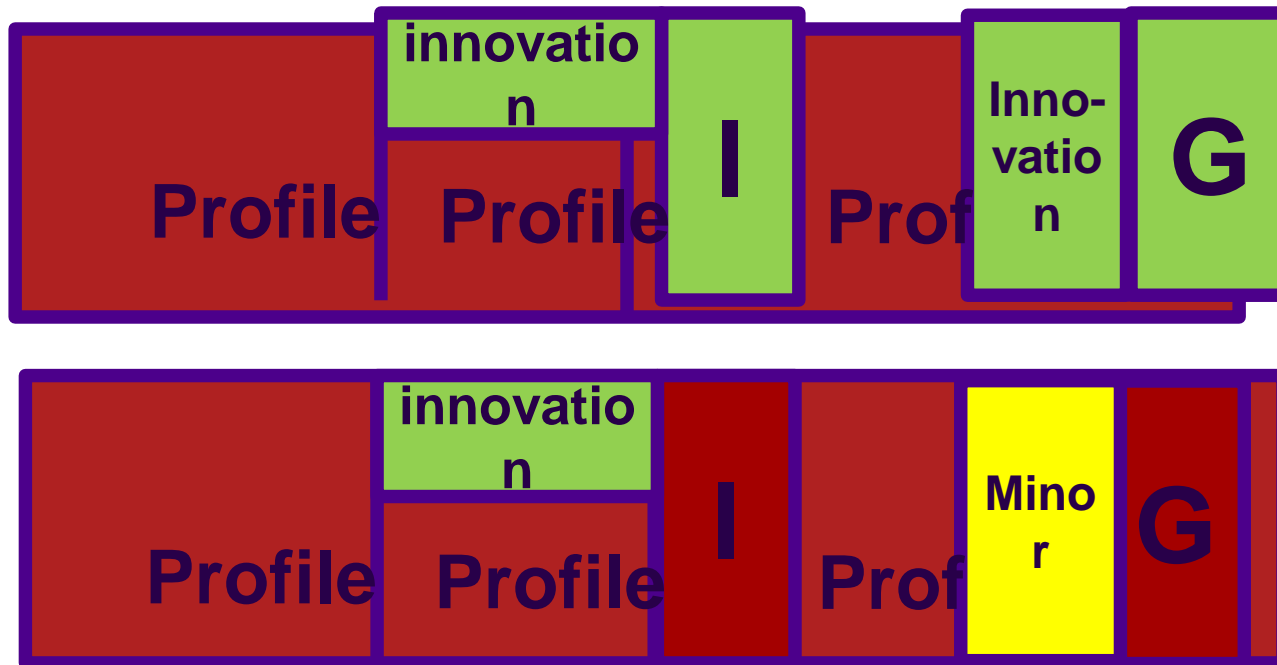
Digital Marketing

Virtual Reality (Lab)

School of ICT – Course structure

**THINK
BIGGER**

P 2 3 4



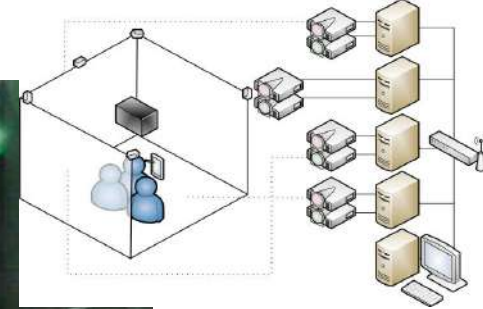
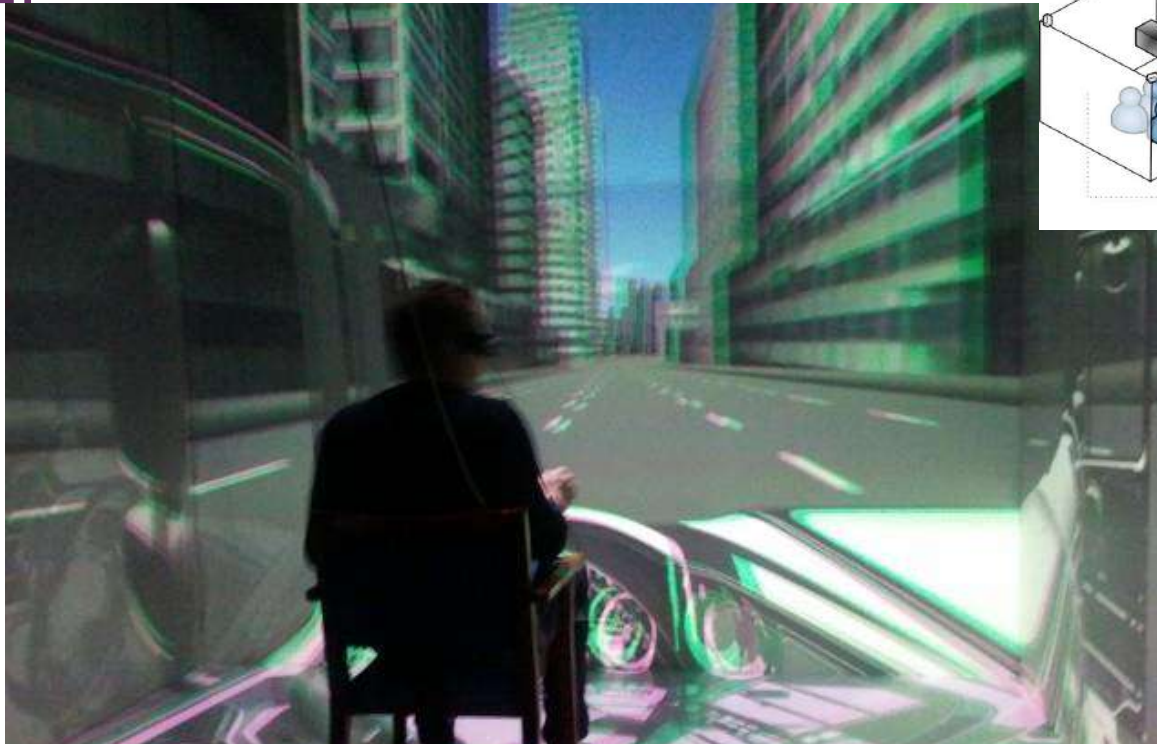
Profile = Core Body of Knowledge

Virtual Reality

<https://portal.fhict.nl/VR/default.aspx>

**THINK
BIGGER**

The CAVE:



- Technology aspects (3D graphics, simulation, IO-devices)
- Human aspects (behaviour, presence, illusion)
- Design aspects (content, interaction, animation)

**THINK
BIGGER**



Fontys

**University of
Applied Sciences**