Gemyse 2, 11.30-12.45

Regional Research Infrastructures

Rick Delbridge (chair)
Jenny Hasenfuss
Marieke Schoots

Regional Research Infrastructures

Rick Delbridge

Academic Lead for the Social Science Research Park, Cardiff University, Wales, UK

How to optimize societal impact in regional innovation systems and improve the infrastructure for SSH disciplines

Introduction by the chair: **Rick Delbridge**

Academic Lead for the Social Science Research Park, Cardiff University, Wales, UK

Speaker 1: **Jenny Hasenfuss**

Public & Patient Involvement and Engagement Manager

Speaker 2: **Marieke Schoots**

Programme Manager Impact Program at Tilburg University, the Netherlands

General discussion and Q&A

The Impact Agenda for Social Sciences & Humanities 2018

4-5 October 2018, Copenhagen, Denmark

Cardiff University's Innovation System

Professor Rick Delbridge
Dean of Research, Innovation & Enterprise
Cardiff University

http://www.cardiff.ac.uk/innovation/campus-investment/innovation-central

Research & Innovation Strategies

- **Identify and invest in areas of research excellence**:
  creation of university research institutes and networks
- **Develop key partnerships to promote collaborative research:**
  GW4 and international university partners
- **Developing a distinctive and place-based approach to innovation:**
  the Cardiff Innovation System
- **Building broad-based strategic partnerships:**
  a more proactive and strategic approach to developing partnerships

What are the expected benefits?

- **Translation of research excellence into economic and social benefits** and development of an **enterprising and innovation-focused culture**
- A great vehicle to **generate impact**, enhancing our academic profile and local, UK and **international reputation** – **responding to global issues**
- Better opportunities for **student engagement with industry** and support for **entrepreneurship and enterprise education**
- A **significant contributor to the city-region and national economic development** effort
- Development and enhancement of the University's physical infrastructure to **encourage the co-location of RD&I activities of our strategic partners**
- **Distinctive facilities to foster high-quality collaborations and partnerships** with business, industry, government organisations and other HE institutions

Capital developments- Innovation Campus

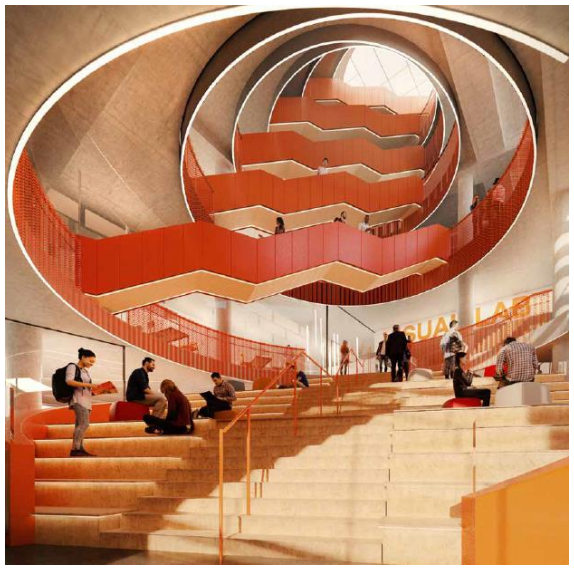
Plans for about **£300M** capital investment in total.

In 2015, University Council endorsed an investment of £135M in two capital builds on Maindy Campus and the associated “public realm” (public spaces), taking total commitment to over £200M+.

Medicentre – Life sciences innovation centre on Heath Park Campus to develop clinical innovation.

Innovation Campus – phase 2 (exp. early 2021)

Innovation Central - Innovation Centre



The Innovation Centre will be the University's front door to business. It will locate strategic partners alongside start-ups, the University's business engagement, student enterprise and other entrepreneurship activities.

- Recreational spaces
- Exhibition space
- Visualisation suite
- Computational social science lab
- Secure data facilities
- Behavioural lab
- Innovation lab

- 2,900m^2 of lettable space
- 29 office units
- 8 laboratory units
- Shared facilities – laboratory based
- Hot desking
- Meeting rooms
- Social/catering facilities

Innovation Central - Social Science Research Park (SPARK)

SPARK will co-locate researchers with key stakeholders, supporting and developing innovative knowledge-based clusters (for example, in computational social science, crime and security, civil society, public health and public services innovation).

- Concept developed with strategic partners including Nesta, Cardiff Council, Welsh Government, Office of National Statistics, IBM and the ESRC.
- To generate economic, environmental and social value through co-developing innovative and effective solutions to societal challenges.
- Will create a global leader of translational social science research.

How will SPARK work?

- Physically bring together theorists and practitioners in new ways to spark the ideas that will lead to transformational change
- Prototype solutions to societal challenges at pace, allowing new ideas to be tested in situ
- Produce knowledge and public value which is social science-led and oriented to societal benefit.
- Catalyse more innovation-oriented social science and a more socially-oriented system of innovation.
- Give practitioners new ways of meeting the needs of a changing society

Cardiff University / Prifysgol Caerdydd

Welsh Economy Research Unit

WISERD

DECIPHer
Development and Evaluation of Complex Interventions for Public Health Improvement
A UKCRC Public Health Research Centre of Excellence

Public Policy Institute for Wales
Sefydliad Polisi Cyhoeddus i Gymru

ESRC Wales Doctoral Training Centre
Canolfan Hyfforddi Ddoethurol Cymru

CASCADE: Children's Social Care Research and Development Centre

Centre for Innovation Policy Research
Cardiff University & Nesta

Crime and Security Research Institute

Sustainable Places Research Institute

Data Innovation Research Institute

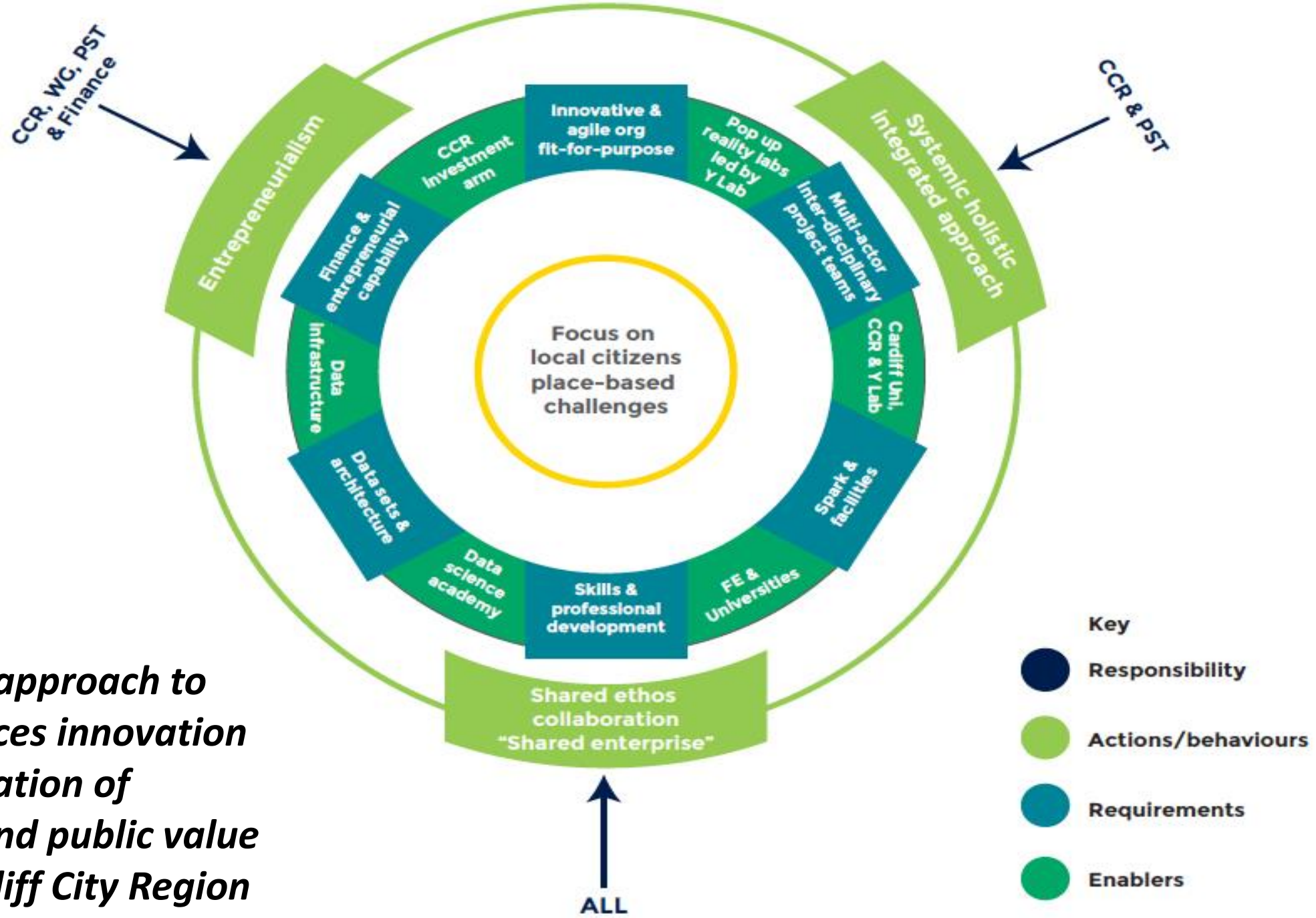
YLab
Public Services Innovation Lab for Wales
Labordy Arloesedd Gwasanaethau Cyhoeddus Cymru

Y Lab

- Brings together Cardiff University social scientists and Nesta's innovation expertise
- Helps public service organisations change their capacity and systems for supporting the process of innovation and measuring change
- Helps people to develop and test ideas, including through new innovation networks and funds in Wales.
- Studies the patterns, causes and impacts of public service innovation

Y Lab

Public Services Innovation Lab for Wales Labordy Arloesedd Gwasanaethau Cyhoeddus Cymru



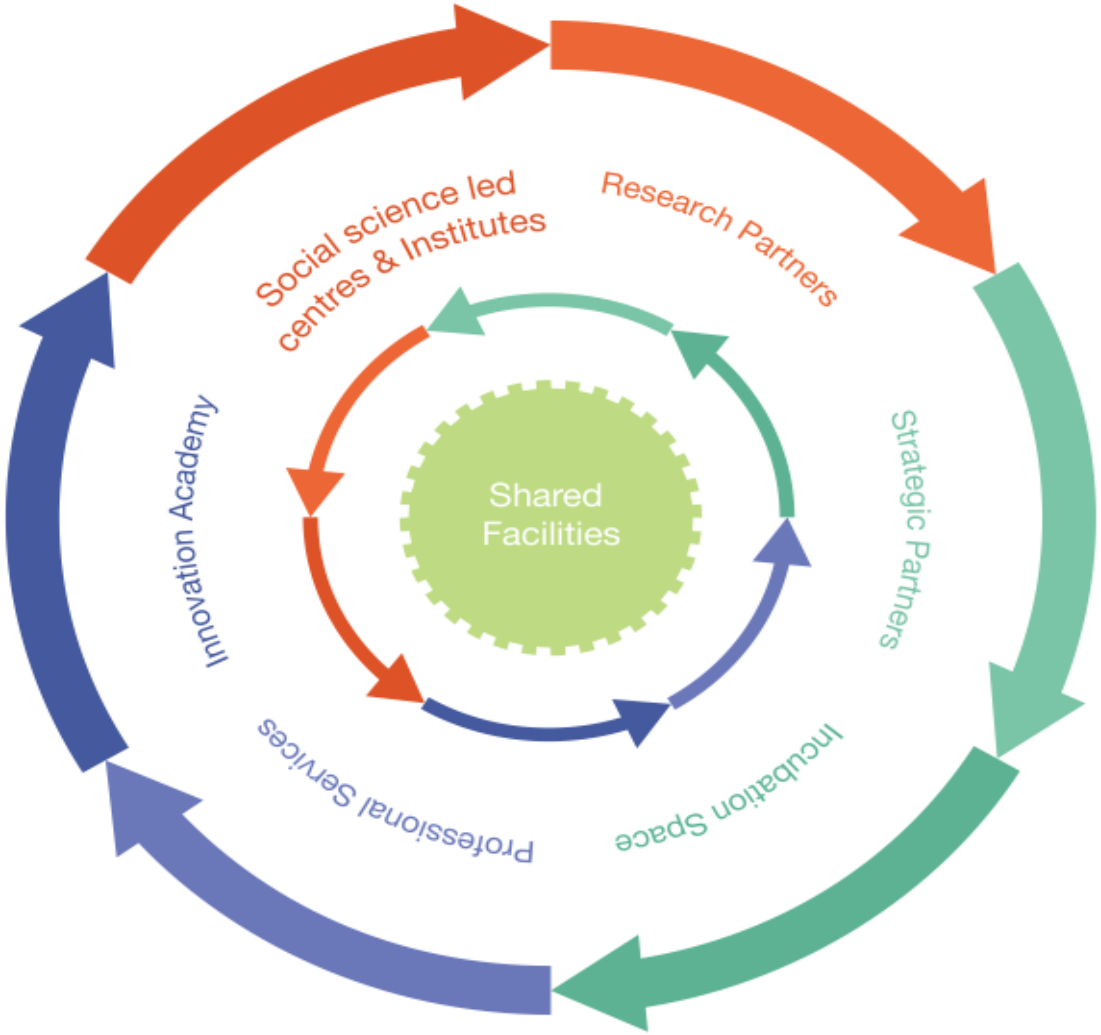
A 'testbed' approach to public services innovation and the creation of economic and public value for the Cardiff City Region

Delivering Societal Problem Focused, Interdisciplinary Research

- Collaboration across heterogeneous sets of actors
- Shared problem definition
- Shared language and theoretical concepts
- Iterative processes of dialogue, research and intervention across research partners

- Investing in a social science-led approach…

The ‘Wheel of Innovation’



Key Principles

- Place-based and informed by institutional priorities and local context
- Applied with an inter-disciplinary emphasis on societal challenges and public value
- Collaborative with local, national and international partnerships at the heart
- Importance of social relationships, a sense of shared enterprise and understanding
- Investment in shared facilities
- Ambitious and innovative!

Regional Research Infrastructures

Jenny Hasenfuss

Public & Patient Involvement and Engagement Manager

Newcastle University

AESIS

Regional Research Infrastructures

How to optimise societal impact in regional innovation systems and improve the infrastructure for SSH disciplines

A UK perspective on supporting impact from SSH:

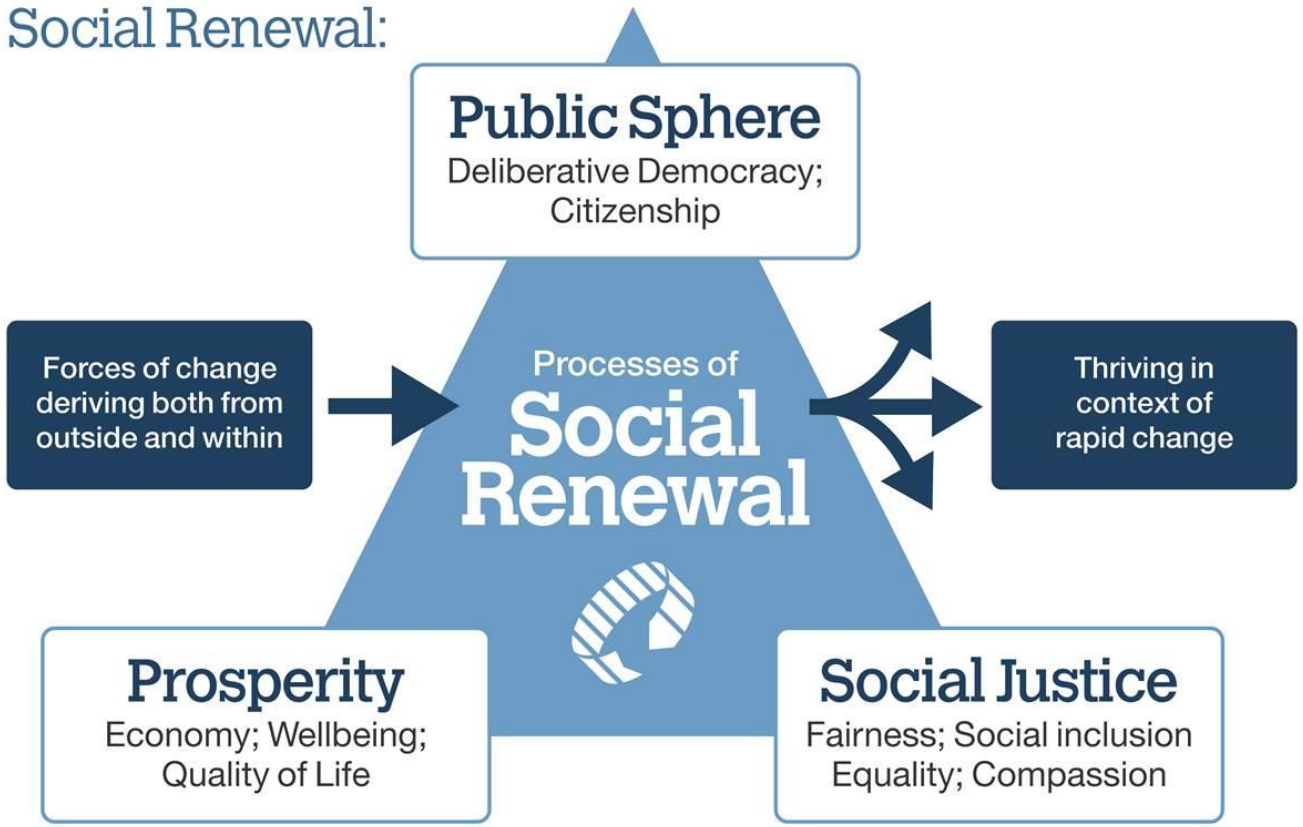
Newcastle University Institute for Social Renewal

as an example of practice

Newcastle Institute for Social Renewal

- Established in autumn 2012
- Priorities include:
  - Continue to support engaged research and engaged teaching
  - Develop strategic external partnerships
  - Bring demonstrator/exemplar projects to fruition
  - Build Newcastle University's reputation in social renewal

Processes of Social Renewal: Place sensitive activity?



120 projects

73 external partners

4 policy impact campaigns

10 capacity building events

Key dimensions of NISR: Developing a 'virtual' infrastructure

- Flexible funding
- Multidisciplinary/inter disciplinary
- Challenge led
- External partners vital & encouraged
- Strategic direction & leadership
- Values and guiding purpose- for academic and professional services teams

Supportive Infrastructure: National organisations with local/regional uptake

National Co-ordinating Centre for Public Engagement

Supportive infrastructure: National organisation with local/regional uptake

- National Coordinating Centre for Public Engagement (NCCPE)
- To support a culture change in the UK higher education sector
- Vision is “of a higher education sector making a vital, strategic and valued contribution to 21st century society through its public engagement activity”

Key reflections:
Creating supportive infrastructures

Newcastle University
Institute for Social Renewal

- **Place relevant/mindful**
- **Impact literacy** (*Dr Julie Bayley*) and galvanising affect of REF Impact Case Studies
- Research **design** and research **communication-** proceed in harmony supported by knowledge exchange ‘believers’ and ‘do-ers’
- **Motivations and ambitions**: Engagement and impact are linked but authenticity of collaboration will always be crucial to making a difference with research

Future considerations

- **Responsible** Research and Innovation (RRI)- to ‘respond to’ and to be ‘trustworthy’
- Must value ***all*** forms of knowledge
- **Open science** – how to mobilise, incentivise, **empower** and embed?
- How can Universities most successfully serve their place in the 21st Century?

Thank you for listening

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Public & Patient Involvement and Engagement Manager,
Newcastle University, Newcastle upon Tyne, United Kingdom

Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Regional Research Infrastructures

Marieke Schoots

Program Manager Impact Program at Tilburg University, Netherlands

AESIS

Advancing Society: Impact Program

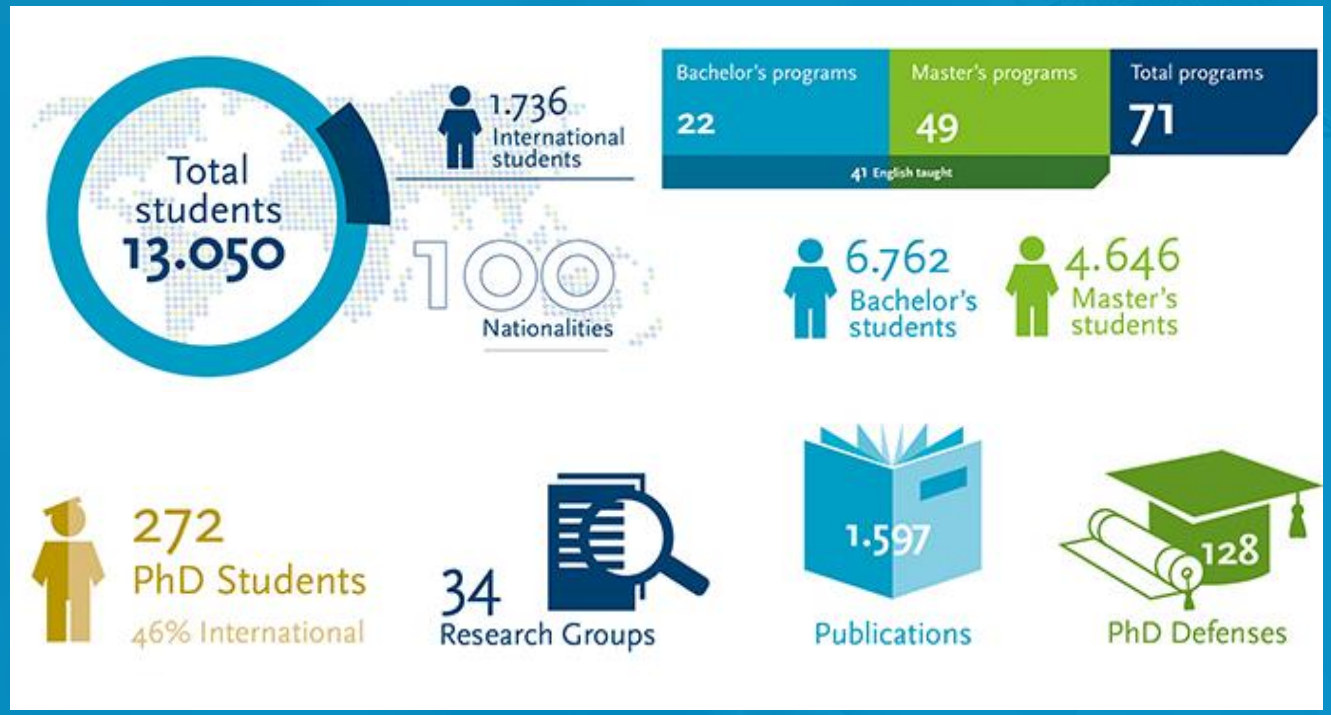
Tilburg University

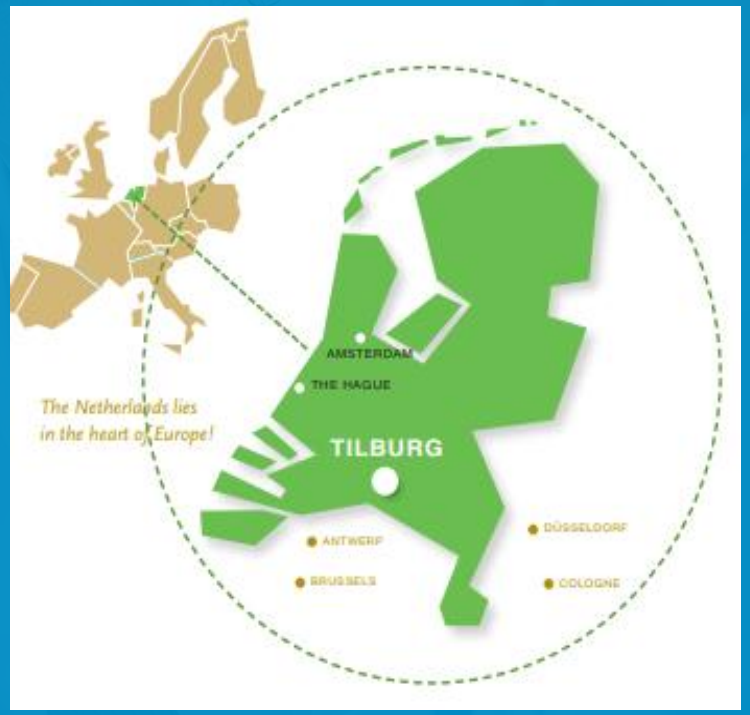
Aesis Impact of SSH 4 October 2018

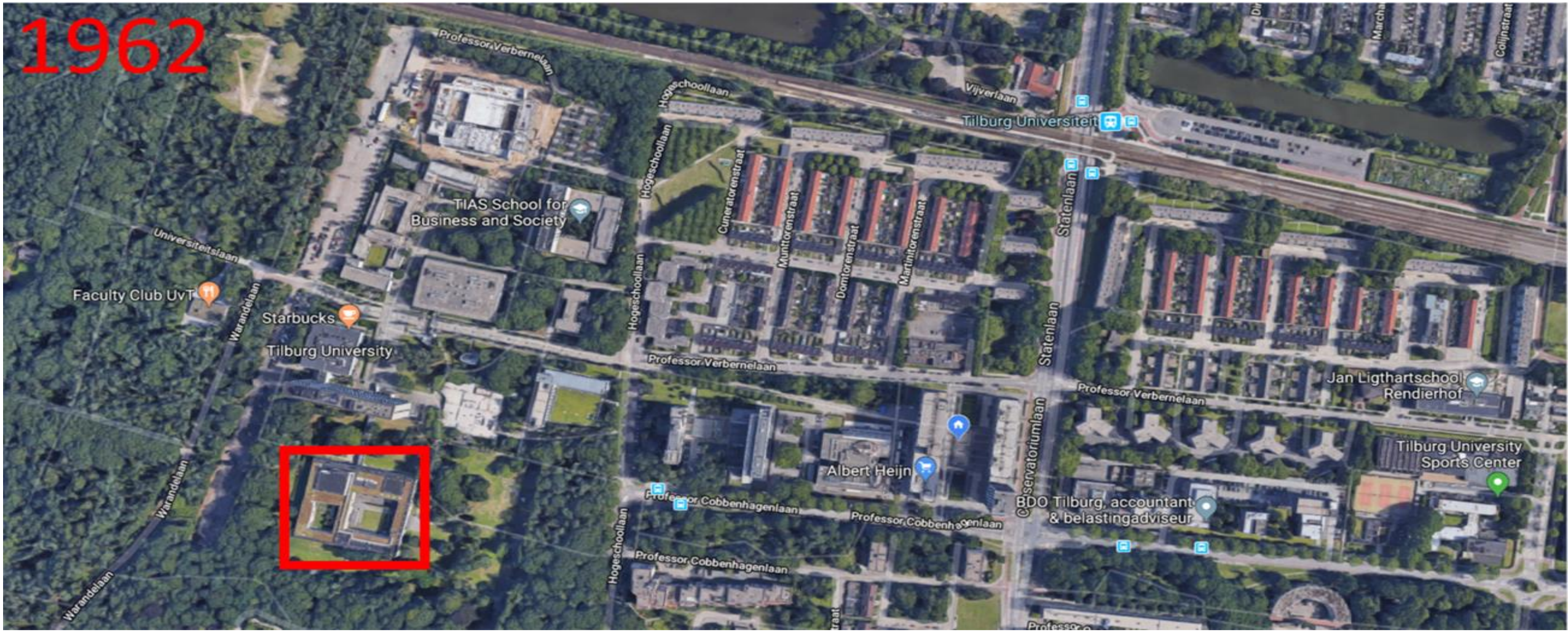
Marieke Schoots

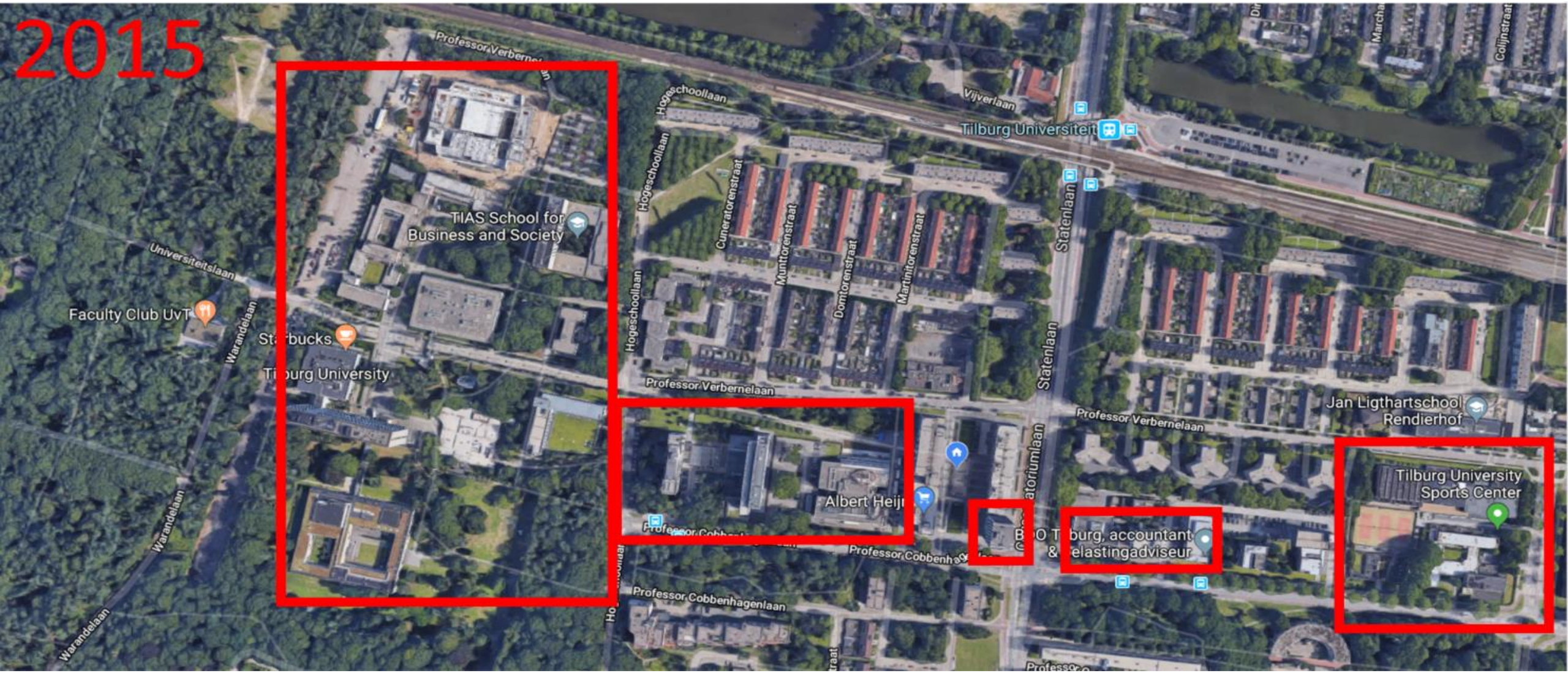
Understanding Society

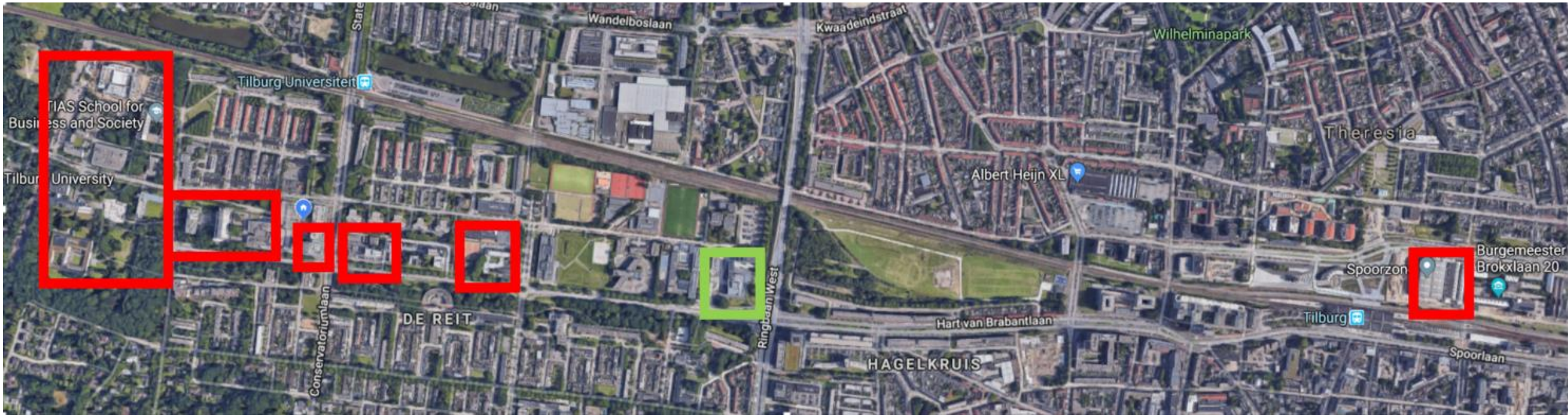
Tilburg University






1962
Professor Verbernelaan
Hogeschoollaan
Vijverlaan
Tilburg Universiteit
TIAS School for Business and Society
Cuneratorenstraat
Munttorenstraat
Domtorenstraat
Martinitorenstraat
Statenlaan
Universiteitslaan
Faculty Club UvT
Starbucks
Tilburg University
Warandelaan
Professor Verbernelaan
Jan Ligthartschool Rendierhof
Albert Heijn
Conservatoriumlaan
Tilburg University Sports Center
Professor Cobbenhagenlaan
BDO Tilburg, accountant & belastingadviseur


2015
TIAS School for Business and Society
Universiteitslaan
Faculty Club UvT
Warandelaan
Tilburg University
Professor Verbernelaan
Hogeschoollaan
Vijverlaan
Tilburg Universiteit
Cuneratorenstraat
Munitorenstraat
Domtorenstraat
Martinitorenstraat
Statenlaan
Albert Heijn
Professor Cobbenhagenlaan
Jan Ligthartschool Rendierhof
Tilburg University Sports Center



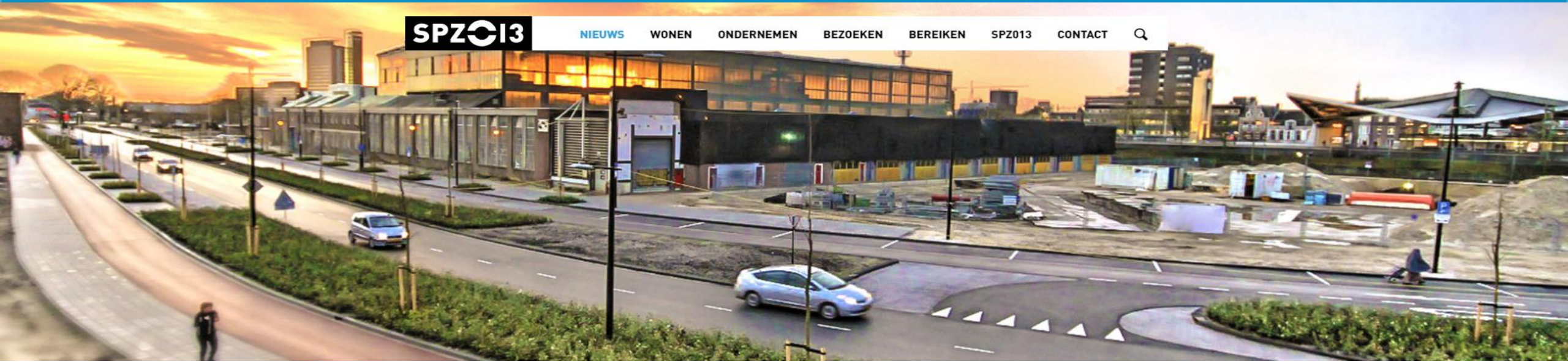
Introducing the Multi Campus

TILBURG UNIVERSITY

Multi-campus

MINDLABS

WHERE MINDS • MEDIA • TECHNOLOGIES MEET



TILBURG UNIVERSITY

Multi-campus

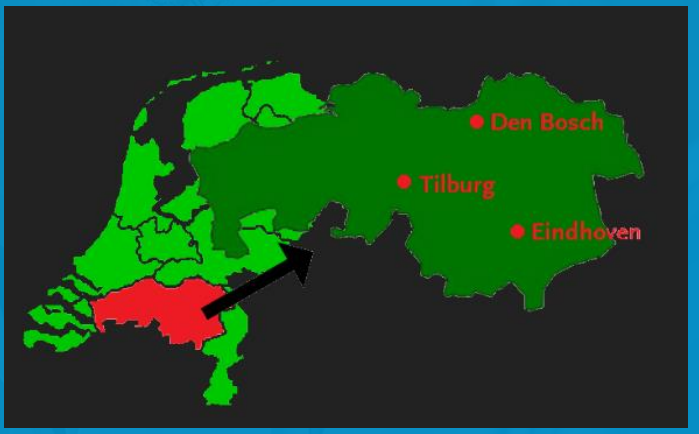
JADS

Jheronimus
Academy
of Data Science

2018 Responsible Data Entrepreneurship Award

More info via www.jads.nl/rdeaward

JADS Jheronimus Academy of Data Science



TILBURG UNIVERSITY

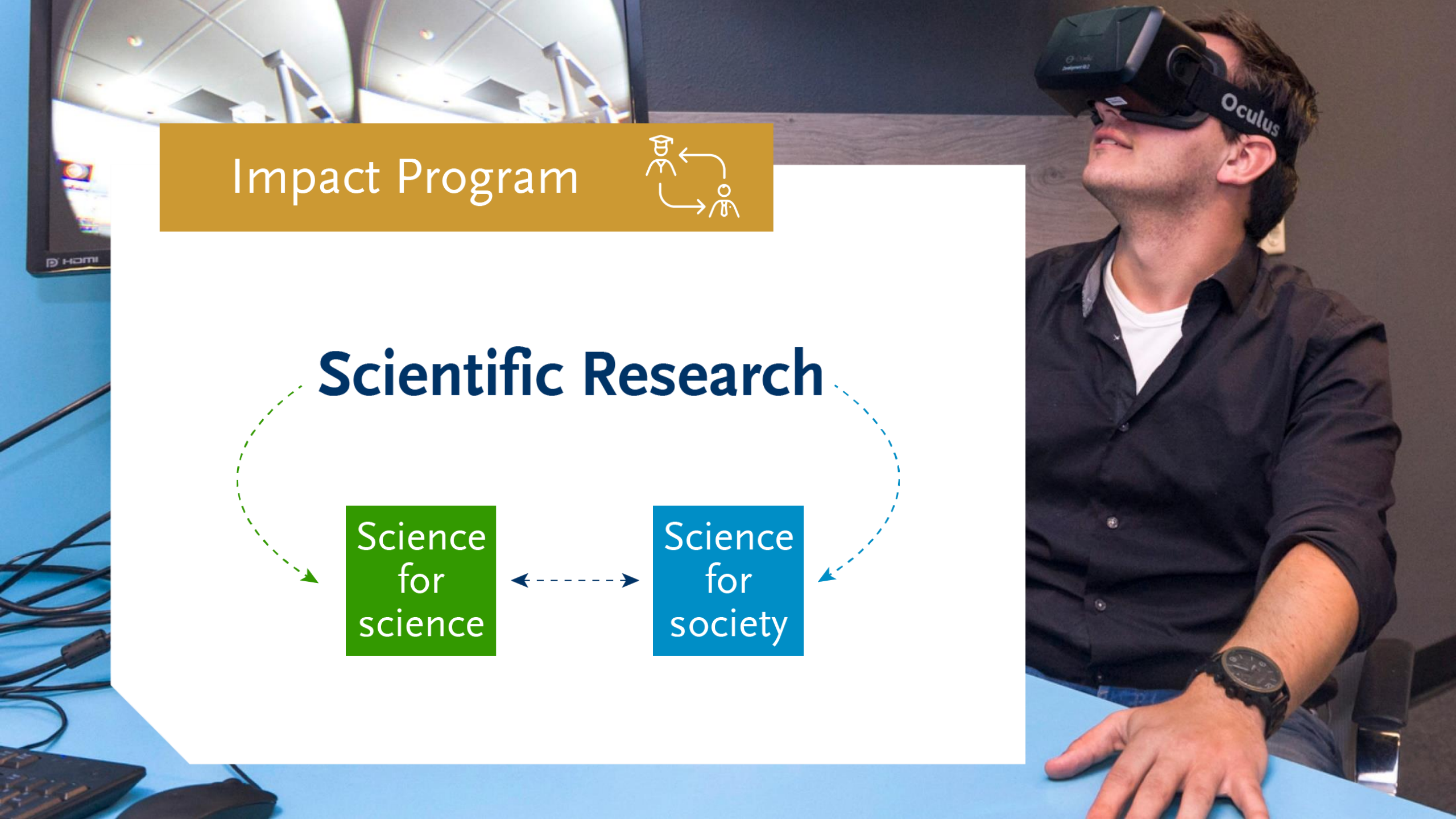
TU/e Technische Universiteit Eindhoven University of Technology

's-Hertogenbosch

Provincie Noord-Brabant

Impact Program
Contribute to improving the world...
...through scientific knowledge
Science with a Soul

Impact Program



Scientific Research

Science for science

Science for society

The **goals** of the Impact-program are:

- enhancing **collaboration** and **cohesion between and among research areas → science-for-science);**
- enhancing **collaboration** between Tilburg University, companies and societal institutions → **science-for-society;**
- **anticipating** and **reacting** to (future) societal developments
- setting up a **clear profile** for Tilburg University by developing a distinct, recognizable and consistent proposition;
- generating **societal and economic impact**

Advancing Society

Digitalization

Empowering the Resilient Society

Enhancing Health and Wellbeing

Creating Value from Data

World Food Programme
Supply chain optimization

Syria:

2015

25% cost saving

1 million people more fed

Impact Program

Regional Innovation System in place through triple helix organisations

BRAINPORT EINDHOVEN

MIDPOINT BRABANT

Brainport Network

Impact Program

Local Partners:

GEMEENTE TILBURG

de Bibliotheek Midden-Brabant

DE PERSGROEP NEDERLAND

Impact Program

Regional Research Infrastructures

Panel discussion & Q&A

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Jenny Hasenfuss

Marieke Schoots

Regional Research Infrastructures

Chair: Rick Delbridge

Academic Lead for the Social Science Research Park, Cardiff University, Wales, UK

Type your recommendation here

Next up:

12.45-13.45	Lunch	
13.45-15.00	Indicators of SSH Impact	Lumbye Hall
	Institutional assessment	Gemyse 2
	Measurement tools	Gemyse 1
	Public engagement	HC Andersen castle